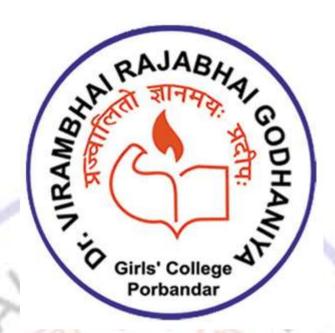
- T



DR. VIRAMBHAI RAJABHAI GODHANIYA COLLEGE OF ARTS, COMMERCE, HOME SCIENCE AND INFORMATION TECHNOLOGY FOR GIRLS, PORBANDAR.

NAME OF WORK: REPAIRING AND RENOVATION AT VIRAMBHAI R. GODHANIYA COLLEGE OF ARTS, COMMERCE, HOMESCIENCE & IT FOR GIRLS, PORBANDAR.

TENDER PAPERS

Porbandar

The Principal, Dr. V. R. Godhaniya College of Arts, Commerce, Home Science and IT for Girls, PORBANDAR – 360 575.
PHONE NO. (0286) 2247709.

FORM B-1

DR. VIRAMBHAI RAJABHAI GODHANIYA

College of Arts, Commerce, Home Science and I. T. For Girls, Porbandar.

PERCENTAGE RATE TENDER AND CONTRACT FOR WORKS

Name of work: **REPAIRING AND RENOVATION AT VIRAMBHAI R.**

GODHANIYA COLLEGE OF ARTS, COMMERCE, HOMESCIENCE & IT FOR GIRLS, PORBANDAR.

ADDRESS: GODHANIYA COLLEGE CAMPUS, OPP. KHIJDI PLOT, PORABANDAR, Dist. PORBANDAR, GUJARAT - 360575

Issued to -

The Principal,
Dr. V. R. Godhaniya College
of Arts, Commerce, Home Science
and IT for Girls, Porbandar

OPENED BY RUSA-2 Component 9 Committee, Dr. V. R. Godhaniya College ON DATE 12th March 2019 Hrs. 11:00 a.m.

Chairman RUSA-2 Compoent 9 Committee, Dr. V. R. Godhaniya College of Arts, Commerce, Home Science and IT for Girls, Porbandar

MEMORANDUM OF WORKS IN BRIEF

1) Name of work REPAIRING AND RENOVATION AT VIRAMBHAI R. GODHANIYA COLLEGE OF ARTS, COMMERCE, **HOMESCIENCE & IT FOR** GIRLS, PORBANDAR. At Godhaniya College Campus, Opp. Khiidi Plot, Porabandar, Dist. Porbandar, Gujarat - 360575 Rs. 1,00,43,230.00 2) Estimated Cost -3) Earnest Money Rs. 1,00,500.00 Validity period of tender offered (120) days from the stipulated date of 4) opening of price bid but no modification shall be allowed after downloading tender. Security Deposite-5) (i) In the form of Term deposit of Scheduled Rs. 7,53,750.00 Bank. (for minimum one year time limit.) (7.5% of Est. Cost.) (ii) To deducted from bills (2.5% of Est. Rs. 2,51,250.00 Cost.) Total Rs. 10,05,000.00 Time allowed for completion of the work 6) 11 Months from the date of written order to commence Other details 7) (i) Date on or before which the tender must Dt 11th March 2019 Up to 18:00 Hrs be submitted. (ii) Mode of sending the tender a) Online through e-tendering only. b) Tenders sent by post will be Out right rejected. (iii) Description essential to be made on bid a)Name of Work: REPAIRING AND RENOVATION AT VIRAMBHAI R. GODHANIYA COLLEGE OF ARTS, COMMERCE, HOMESCIENCE & IT FOR GIRLS, PORBANDAR. b) Last date of Receiving the tender Dt. 11th March 2019 up to 18:00 Hrs. c) Pre-bid Meeting to be held on 5th March 2019 at 11.00 a.m. at Virambhai R. Godhaniya College Of Arts, Commerce, Homescience & It For Girls, Porbandar. (iv) Mode of quoting rate in Schedule "B" In figures as well as words

- 4 -							
NOTICE INVITING ON-LINE TENDER							
TENDER NOTICE NO VRG/Tender/18-19/003							
(A)	Details of Tender Item:						
Sr. No.	Name of Work	Estimated Tender Value Rs.	EMD	Tender Fee In Rs.	Class of contractor	Time Limit	
1	2	3	4	5	6	7	
	Repairing &				Conditions		
	Renovation				as per tender		
	At Virambhai R.	1,00,43,2	1,00,50	F000 00	documents	11	
1	Godhaniya College Of Arts, Commerce,	30.00	0.00	5000.00		Month	
	Home science & It For	- 1	Α.,				
	Girls, Porbandar.	5 EX.1	ALA	0,			
(B)	Schedule for e-tendering is fixed as under:						
(i)	Up loading of Tender Documents		On W	On Website from Date:-25-2-2019			
(ii)	Site Visit (If any)		during	during office hours before 11-03-2019			
(iii)	Pre-bid Conference		05-03	05-03-2019 at 11.00 Am			
(iv)	Downloading of tender documents		25-2	25-2-2019 to 11-3-2019 Up to 18:00 Hrs			
(v)	On line Submission price-bid.		25-2	25-2-2019 to 11-3-2019 Up to 18 Hrs			
(vi)	Submission of EMD and Tender fee during office hours		E.M.D Princip Comme throug before name of E.M.D tender tender format submis relevar	For the purpose of realization, Demand Draft, against E.M.D & TENDER FEE, is to be sent in original to The Principal, Dr. V. R. Godhaniya College of Arts, Commerce, Home Science and IT for Girls, Porbandar through R.P.A.D./Speed Post/Courier/Hand Delivery before 12-03-2019, 11:00 Hrs. with super scribing the name of work on cover. If contractor fails to submit E.M.D & TENDER FEE within scheduled time then his tender will be canceled. Demand Draft for E.M.D and tender fee, shall be submitted online in electronic format by scanning while uploading the bid. This submission shall mean that E.M.D. Tender fee and relevant documents are received. Accordingly offer of those shall be opened whose E.M.D, Tender fee, are received electronically in the Preliminary stage itself.			
			1 000140	Ju Sicon onicul	/ 1110 1 1 01111111	.a. / 51490 115011.	

Girls' College Porbandar

12-3-2019 @12.00

Online Tender(Price Bid) opening Date

(Vii)

NOTICE INVITING TENDERS

- 1. Tenders are inviting for the work REPAIRING AND RENOVATION AT VIRAMBHAI R. GODHANIYA COLLEGE OF ARTS, COMMERCE, HOMESCIENCE & IT FOR GIRLS, PORBANDAR. FOR DR. VIRAMBHAI RAJABHAI GODHANIYA College of Arts, Commerce, Home Science And I. T. For Girls, Porbandar, Dist. PORBANDAR. The work is estimated to cost of Rs. 1,00,43,230.00 This estimate however, is given as a rough guide.
- 2. The work are required to be completed within **11** (**ELEVEN**) months as per the terms of the contract conditions.
- 3. The contractor who fulfills all the conditions mentioned below will be permitted to tender:
 - 1) Minimum average turnover of Rs. 50 lacs in past 3 years. This must be supported by CA Certificate with UDIN.
 - 2) The contractor must have permanent establishment in Porbandar District for minimum past 3 years.
 - 3) The contractor must have a Civil Engineer on payroll or under contract for minimum past 3 years.
 - 4) The contractor must produce certificate of experience from minimum 3 customers where new construction involved amount exceeding. Rs. 40 lacs per contract.
 - 5) The contractor must have following registrations proved by relevant certificates/documents:
 - a. GST Registration.
 - b. PAN Card.
 - c. PF Registration
 - d. Profession Tax Registration (Of both Employer and Employee)
 - e. Shop & Establishment Registration.
 - 6) The contractor must attend (either in person or through authorised representative) pre-bid meeting and carry out site visit before pre-bid meeting. For site visit the contractor or authorised representative must visit between 9.00 a.m. to 1.00 p.m. on Monday to Friday.

Not more than one tender shall be submitted by a contractor or by a firm of contractors. No two or more concerns in which an individual is interested as a proprietor and/ or a partner shall tender for the execution of the same work .if they do so, all such tender shall be liable to be rejected.

- 4. Tender documents shall be submitted to **www.nprocure.com**.
- 5. Tender documents consisting of condition, specification, Schedule(s) of quantities of the various classes of work to be done, the conditions of contract etc; could be down loaded free of cost, but tender fees of **Rs. 5,000/-** shall have to remit during **on or before 16.00** hours of the last date of uploading.
- 6. Copies of other drawings and documents pertain to tender and signed for the purpose of identification by the Accepting Officer or his accredited representative will be open for inspection by tenderer at the following officer or his accredited representative will be open for inspection by tender at the following office during working hours on or before 11/03/2019 16.00 hours:

Virambhai R. Godhaniya College Of Arts, Commerce, Homescience & It For Girls, Porbandar

- 7. Tenderer are advised to visit the site sufficiently in advance of the date fixed for submission of the tender. A tenderer shall be deemed to have full knowledge of all the relevant documents samples, site etc; whether he inspects them or not.
- 8. Submission of a tender by tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specification of the work to be done and of conditions and rates at which stores, tool and plant etc. will be issued to him, by Tenderee and local conditions and other factors bearing on the execution of the works.
- 9. A tender should quote in figures as well as in words the rate(s) tendered. The amount for each item should be worked out and the requisite total given. Special care shall be taken to write rates in figures as well as in works and the amount in figures only and in such a way that interpolation is not possible. The total amount shall be written both in figures and in words. In case of figures the words Rs. should be written before the figure of rupees and the words 'paise' after the decimal figure e.g. Rs. 2.15 p. and in case of words the words 'Rupees' should precede and the words 'paise' should be written at the end. Unless the rate is in whole rupees and followed by the word 'only', it should invariably be upto two places of decimal.
- 10. All rates shall be quoted on the tender form.
- 11. The tender for the works shall not be witnessed by a contractor or contractors who himself / themselves has/have tendered or who may and has/have tender for the same works. Failure to observe this condition shall render the tender of the contractor tendering, as well as of those witnessing the tender, liable to rejection.
- Tender Documents shall be received by Hand delivery /Register Post A/D by The Principal, Dr. V. R. Godhaniya College of Arts, Commerce, Home Science and IT for Girls, Porbandar upto Office Hours upto the 11/03/2019 (date) and shall be opened at 11.00 hours on 12/03/2019 in the presence of tenders who may be present.
- In the case of contractors who have not furnished standing security, the tender shall have to furnish earnest money of **Rs. 1,00,500.00** (Rupees One Lakh Five hundred only) by way of a Demand Draft/Pay order of a Scheduled bank issued in favour of The Principal, Dr. V. R. Godhaniya College of Arts, Commerce, Home Science and IT for Girls, Porbandar.
- 14. A tenderer shall submit the tender which satisfied each and every condition laid down in this notice and tender documents, failing which the tender will be liable to be rejected.
- 15. The Principal, Dr. V. R. Godhaniya College of Arts, Commerce, Home Science and IT for Girls, Porbandar or any member of the RUSA-2 Component 9 Committee of Dr. V. R. Godhaniya College of Arts, Commerce, Home Science and IT for Girls, Porbandar does not bind himself/themselves to accept the lowest or any tender or to give any reasons for the decision.

16.	This notice of tender shall form part of the contract documents
	For and behalf of Dr. V. R. Godhaniya College of
	Arts, Commerce, Home Science and IT for Girls,
	Porbandar

Date:	Signature
	Designation. Principal

Dr. Virambhai Rajabhai Godhaniya College of Arts, Commerce, Homescience And It For Girls, Porbandar

ITEM TENDER AND CONTRACT FOR WORKS

ADDITIONAL INSTUCTIONS TO PERSONS TENDERING

- 1. **Competency of Tender** No contract will be awarded except to responsible bidders capable of performing the class of works contemplated. Before the award of the contract, any bidder may be required to show that he has the necessary facilities, experience, ability and financial resources to perform the work in satisfactory manner within in the time stipulated. Contractor may be required to furnish the department with the statement as to their experience and their financial status.
- 2. Tender will be deemed to have inspected the site and to have satisfied as to the nature of all works, all existing roads, water-way and other means of communication and access to and from the site and work and the building that may be required for temporary purpose in connection with the construction, completion and maintenance of the works and must make his own inquiries as to work, yard sites and depot, and dumps and as to acquisition of such additional sites and areas as may be necessary for temporary purpose for constructing, completing and maintaining the works.
- 2.1 The tenders shall be received only under "ONLINE THROGH E-tendering" No other system, namely receiving of tenders by Hand Delivery 'or' by Express Delivery 'or' in person, should be adopted under any circumstances.
 - I: Late tenders (i.e. tender received after the specified time of opening), delayed tenders (i.e. tenders received before the time of opening but after due date and time of receipt of tenders) and post tenders offers shall not be opened and considered at all.
 - II: The tenders received after time & the date specified in the tender notice shall not be received by the concerned office,
 - III: Necessary records should be maintained for refusal of such tenders in the registers for receiving tenders and should be initialed by the Principal, Dr. V. R. Godhaniya College of Arts, Commerce, Home Science and IT for Girls, Porbandar.
 - Payment:- The tender must understand clearly that the rates quoted are for completed works and include all costs due to labour, scaffolding plant, supervision, service works, power, royalties and octroi etc., and to include all extras to cover the cost of night work if and when required and no claim for additional payment beyond the price/rates quoted will be entertained and the tenderer will not be entitled subsequently to make any claim on the ground of misrepresentation or on the ground that he was supplied with information given by any person (whether the member is the employee of College or not). Any failure on his part to obtain all necessary information for the purpose of making his tender and filling the several prices and rates therein shall not relieve him from any risks or liabilities arising out of or consequent upon the submission of the tender.
- 4. **Tender Forms** Every 'blank' in the form of the tender and in the schedule must be filled up by the tenderer and must return the document sent herewith.
- 5. Bidders can prepare and edit their offers number of times before tender submission date and time. After tender submission date and time, bidder can not edit their submitted offer in any case. No written or online request in this regard shall be granted.

Contractors to please read this Carefully:

- 1. The percentage in Schedule 'B' must be given in words and figures. Amount thus worked out must also be entered in column and grand total of amount must be struck out by the tenderer.
- 2. If the tender is taken in favour of the company, a power of attorney in favour of the person who may have signed the tender for the company must accompany the tender.
- 3. ---deleted---
- 4. Demand Draft/Pay order for earnest money Rs. 1,00,500/- (Rupees One Lakh Five Hundred Only) must accompany the tender. Tenderer may pay earnest money Demand Draft/Pay order drawn in favour of The Principal, Dr. V. R. Godhaniya College of Arts, Commerce, Home Science and IT for Girls, Porbandar. Earnest money by cheque & Bank Guarantee shall not be accepted. If the contractor do not turn up to pay the Security Deposit and execute contract agreement within specified (or extended) time after intimation to him about acceptance of this offer, the earnest money paid for this work will be forfeited and tenderer's tender shall be rejected and then according to aforesaid provision of tender, action to blacklist the contractor will be initiated without Delay.
- 5. The contractor shall have to furnish latest available Income Tax Assessment Order before his tender is accepted and intimate assessment number and ward under which he is assessed.
- 6. Copies of certificate as regards previous experience, if any, must accompany the tender.
- 7. Declaration showing all works on hand with the Contractor and the value of works that remains to be executed in each case must accompany the tender.
- 8. All pages of Schedule 'A' and 'B' and specifications should be initialed by the Contractor.
- 9. All corrections, erasures and overwriting should be initialed by the Contractor.
- 10 Discrepancies and adjustment of Errors:
 - Any error in quantity or amount in Schedule 'B' showing items of works to be carried out shall be adjusted in accordance with the following rules.
 - a) In the event of a discrapancy between description in words and figures quoted by a tenderer in the rates column, the description in words shall prevail.
 - b) In the event of an error occuring in the 'amount' coloumn of the Schedule 'B' showing items Of work, as a result of wrong multiplication of the unit rate and quantity; the unit rate shall be regarded as firm and multiplication shall be amended on the basis of the rate.
 - c)All errors in totalling in 'amount' column in carrying forward totals shall be corrected.
 - d)Any rounding of amount against "items" or in "totals" shall be ignored.
 - The tendered sum so altered shall for the purpose of the tender be substituted for the sum originally tendered and considered for acceptance.
- 10. (i) It may please be noted that the tender will be considered as invalid, especially, if the requirements as per instruction No.1 to 10 above are not complied with before submitting the tender. Also please read carefully the face sheet and 'General Rules and Directions for the guidance of contractor's of this form.

10.(ii) Right is reserved to reject any or all tender(s) without assigning any reason (s) therefore.

10 (iii) For All Tender Bid Above Estimated Value:

If All Tenderer submits bid above estimated value, the following options may be adopted:

- a. All tenders may be rejected and no work carried out.
- b. Tender may be accepted for entire work with lowest bid.
- c. The total quantum of work may be reduced as deeded fit by the Tender Cmmittee and Tender may be accepted for reduced work with lowest bid.

In above matter the decision of RUSA -2 Component - 9 Tender Committee will be final.

- 10-A The tender documents shall have to be filled in.
- 11. In addition to the above, the tender will also be liable to be rejected outright if
 - i) The tenderer proposes any alteration in the work specified or in the time allowed for carrying out the work or any condition or correction made in any code or mode or Schedule 'B' or specifications.
 - ii) Any of the page of the tender is/ are removed or replaced
 - iii) All corrections, additions or pasted slips are not initialed by the tenderer.
 - iv) Any erasure is made by him in the tender and.
 - v) The tenderer or in the case of a firm, each partner or the person holding the power of attorney thereof does not sign or signature is /are not attested by a witness on page of the tender in the space provided for the purpose.

Tender documents for work of: Repairing And Renovation At Virambhai R.

Godhaniya College Of Arts, Commerce, Homescience & It
For Girls, Porbandar

DECLARATION FORM

- (i) I/We hereby declare that I/We have visited the site and fully acquainted myself/ourselves with the local situations regarding materials, labour and other factors pertaining to the work before submitting this tender.
- (ii) I /We hereby declare that I/We have carefully studied the conditions of contract, specifications and other documents of this work and agree for execute the same accordingly.

Porbandar

DECLARATION CERTIFICATE

(iii) I/We hereby declare that my/our near relative are not working in Dr. V. R. Godhaniya College of Arts, Commerce, Home Science and IT for Girls, Porbandar or any instutution working under Shree Maldevji Odedara Smarak Trust, Porbandar. at today.

General Rules and Directions for the Guidance of Contractors

1. All works proposed to be executed by the contractor shall be notified in a form of invitation to tender pasted on a board hung up in the office of the The Principal, Dr. V. R. Godhaniya College of Arts, Commerce, Home Science and IT for Girls, Porbandar and signed by the The Principal, Dr. V. R. Godhaniya College of Arts, Commerce, Home Science and IT for Girls, Porbandar.

This form will state work to be carried out as well as the date of submitting and opening tenders and the time allowed for carrying out the work, also the amount of earnest money to be deposited with the tender and the amount of the security deposit to be paid by the successful tenderer and percentage, if any, to be deducted from bill. It will also state whether a refund of quarry fees, royalties, octroi dues and ground rents will be granted. Copies of the specifications, designs and drawing and estimated rates, and any other documents, required in connection with work which shall be signed by The Principal, Dr. V. R. Godhaniya College of Arts, Commerce, Home Science and IT for Girls, Porbandar for the purpose of identification shall also be open for inspection by Contractor at the office of The Principal, Dr. V. R. Godhaniya College of Arts, Commerce, Home Science and IT for Girls, Porbandar during office hours.

Where the works are proposed to be executed according to the specifications recommended by a contractor and approved by a competent authority on behalf of the Principal, Dr. V. R. Godhaniya College of Arts, Commerce, Home Science and IT for Girls, Porbandar, such specifications with designs and drawing shall form part of the accepted tender.

- 2. In the event of tender being submitted by a firm. It must be signed separated by each partner thereof or in event of the absence of any partner it shall be signed on his behalf by person holding a power of attorney authorising him to do so. Details of partner will be furnished in Annexure along with the copy of partnership deed.
- 3. Receipts for payment made on account of any work, when executed by a firm, shall also be signed by all the partners except where the Contractors are described in their tender as a firm in which case the receipts shall be signed in the name of the firm by one of the partners or by some other person having authority to give effectual receipts for the firm.
- 4. Any person who submits a tender shall fill up the usual printed form including the column total according to estimated quantities stating at what rate he is willing to undertake each item of the work. Tender which proposes any alteration in the works specified in the said form of invitation to tender or in the time allowed for carrying out the work or which contain any other condition of any sort, will be liable to rejection. No single tender shall include more than one work but contractors who wish to tender for two or more works shall submit a separate tender for each,
- 5. The following rule shall apply to all the works
 - (a) It is not desirable to make any alteration in the works specified in the said tender form of invitation to tender or in the time allowed for carrying out the work or any other conditions of any sort. If any price-bid contains any conditions the same shall have to be rejected outright. Document of payment of earnest money and Tender fees shall be submitted together.
 - (b) The tenders i.e. Price-bids and technical bids in separate should be submitted simultaneously by the 'Online throgh E-Tendering Only'. The 'Technical and Price' bids shall contain adequate cross reference wherever necessary to ensure clear and proper correlation of them with two bids without any ambiguity whatsoever.
 - (c) The bidders shall clearly indicate deviation (s) from specifications or the tender conditions very explicitly in the appropriate section and submit a copy of the same with the technical bid. It should be very clearly understood by all tenderer that the technical bid should be restricted only to technical matters and stipulations of conditions, if any by tender having financial implications. The price of main tender should not be disclosed in the technical bid.

- (d) The technical bid will be opened first on 07/03/2019 at 11.00 AM in the presence of those bidders who remain present. The date and time of opening of price bids will be determined by the officer who opens the tender, and the same will be intimated to the bidders if required after the technical-bid proposals are opened and analysed and all clarifications/price variations, if any obtained.
- (e) The conditions specified in technical-bid should invariably be accompanied by proper financial evaluation with mode of calculation specifying assumptions, quantities, rate and ceiling amounts for each condition and shall also accompany the information in the form stating (a) Sr.No (b) Description of the condition (c) Financial evaluation, (d) Ceiling amount to be added in price-bid, in case condition is not accepted.
- (f) Ceiling amounts shall be binding on the contractors and are liable to be added to the tender amount.
- (g) It is necessary that the contractor or his authorised representative remains present at the time of opening of technical-bid as specified in (e) above, so that wanting details and clarifications in respect of conditions can be furnished by him or conditions withdrawn on the spot by him. If the technical-bid is incomplete in respect of any of the details referred to in sub-clauses above and the contractor does not furnish the wanting details as required above on the spot in the presence of other bidders after opening the technical –bid, the tender would be liable to rejection .
- (h) The evaluation as given by the contractor as modified by tender opening authority with the ceiling limit will then be intimated to all the bidders who remain present and then , if convenient, the price-bid shall be opened on the same day and the combined evaluation of the tender of price-bid and the technical bid would be worked out. Not further opportunity shall be given to the contractors to modify/withdraw conditions at that stage as the price-bid would be knows to all, The Principal, Dr. V. R. Godhaniya College of Arts, Commerce, Home Science and IT for Girls, Porbandar however, reserves the right to negotiate about the tender(s) further with any or all the contractors. In case the Price-bids cannot be opened on the same day then another date will be intimated to the tenderer as in para (e) above.
- 6. The officer competent to dispose off the tenders shall have the right of rejecting all or any of the tenders.
- 7. No receipt for any payment alleged to have been made by a Contractor in regard to any matter relating to this tender or the contract shall be valid and binding on, Dr. V. R. Godhaniya College of Arts, Commerce, Home Science and IT for Girls, Porbandar unless it is signed by the Principal.
- 8. The memorandum of the work to be tendered for and the schedule of materials to be supplied by the Principal, Dr. V. R. Godhaniya College of Arts, Commerce, Home Science and IT for Girls, Porbandar and there rates shall be filled in and completed by the office of the Principal, Dr. V. R. Godhaniya College of Arts, Commerce, Home Science and IT for Girls, Porbandar before the tender form is issued. If a form issued to an intending tenderer has not been so filled in and completed, he shall request the said principal to have it done before he completes and delivers his tender.
- 9. Under no circumstances shall any Contractor be entitled to claim enhanced rate for any items in this contract.
- 10. All corrections and additions or pasted slips should be initialed.
- 11. The measurements of work will be taken according to the usual method in use in the Public Works Department or as specified in technical specification and no proposals to adopt alternative methods will be accepted. The Principal's decision as to what is the usual method in use in the Public Works Department will be final.
- The Insurance Company's bond will not be accepted against the security deposit.
- In the event of any error or discrepancy in write up of tender documents the contractor will not take any undue advantage of such error or discripancy and Principal shall have powers to interpret and decide correct meaning of contradictory erraneous writing.

- 14. The contractor shall have to furnish PAN and intimate I.T. ward number which he is assessed.
- 15. The Contractor will have to construct a shed for storing controlled and valuable materials issued to him under schedule 'A' of the agreement at work-site having double locking arrangement. The materials will then be taken for use in the presence of the Department person. No materials will be allowed to be removed from the site of work.
- 16. No foreign exchange will be released by the College for the purpose of plant and machinery required for the execution of the work contracted for.
- 17. Controlled materials (Essentiality Certificate)
 - (i) As regard controlled materials, the College will help to arrange for the permit as far as possible and help the Contractor in securing the same. All incidental charges met with in procuring these materials shall be borne by the Contractor himself. Though the College will help to arrange for the permit as far as possible and help the Contractor in obtaining the materials, it shall not accept any responsibility for any loss on account of delay caused to the Contractor while obtaining the same.
 - (ii)The contractor shall submit to the Principal on close of every calendar month the monthly returns in the prescribed forms as to the receipts and actual use of the controlled materials during the month.
 - (iii) The contractor shall permit the Principal or his representative to inspect the stock of the controlled materials stored by him at any time whenever the Principal or his representative so desire (s).
- 18. The tender for the work shall remain open for period (120*) days from the actual date of down loading of the price bids for this work and that the tenderer shall not be allowed to withdraw or modify the offer on his own after downloading of price bid. If any tenderer withdraws or make any modifications or additions in the terms and conditions of his tender not acceptable to the the Principal, Dr. V. R. Godhaniya College of Arts, Commerce, Home Science and IT for Girls, Porbandar, then the College shall without prejudice to any right remedy, be at liberty to forfeit in full the said earnest money absolutely.
- 19. In the tender/agreement wherever word "Bank" is used, it shall be construed as "Scheduled Bank".
- 20. The buildings under the contract will not be occupied by the contractor for use of his labourers, staff or for any other purpose, in case of breach of this condition market rent will be recovered for the area unauthorized occupied.
- 21. Contractor shall give true information in Annexures. In spite of the lower bid, a tender may be rejected on grounds of capacity to complete the work in given time or other technical factors.

TENDER FOR WORK

I/ We hereby tender for the execution for the The Principal, Dr. V. R. Godhaniya College of Arts, Commerce, Home Science and IT for Girls, Porbandar (hereinbefore and hereinafter referred to as the Principal) of the work specified in the underwritten memorandum within the time specified in such memorandum at the tendered rates specified in Schedule 'B' (memorandum showing item of works to be carried out) and in accordance in all respects with the specifications, designs, drawings and instructions in writing referred to in this tender and in Clause 13 of the annexed conditions of contract and agree that when materials for the work are provided by The College , such materials and the rates to be paid for them shall be as provided in scheducle 'A' hereto.

^{*} Strike out which ever is not applicable

⁺ In figures as well as words

TERMS & CONDITIONS OF CONTRACT

CLAUSE 1: Security Deposit:

The person/persons whose tender is accepted (hereinafter called the "Contractor" which expression shall, unless excluded by, or repugnant to the context include his Legal heirs, executors, administrators and assigns) shall (a) Deposit with the Principal a sum sufficient to make up the full security deposit specified in the tender in fixed deposit receipts of Term Deposits of Scheduled Bank in the name of The Principal within a period of 10 days from the date of receipt of the Notification of his tender, or (b) (i) deposit seventy five percentage of the total security deposits as specified in the tender form with the Principal in Fixed deposit receipt of scheduled bank within a period of ten days form the date of receipt of notification of acceptance of his tender. if the security deposit is not paid within the above specified time, no work order will be issued till the issue about delay is finally decided by the competent authority . (b) (ii) The Principal shall be deemed to have been authorised to deduct the balance of twenty five percentage of the security deposit as specified in the tender form from the amounts that become payable to the contractor for the work done under the contract from time to time, such deduction shall not exceed ten percentage of the amount so payable and the whole amount paid in cash or by way of deduction shall be held by The College by way of security deposit. For the works whose estimated amount is more than rupees fifteen lacs, the Contractor shall have to give the performance bond of any schedule bank equivalent to five percentage of the estimated amount put to tender along with the initial security deposits. All compensation, Liquidated damages or other sums or money payable by the contractor to the College under the terms of this contract shall be deducted from or recouped by the realization of a sufficient part of his security deposit, or from the interest arising there from or from any sums which may due or may become due by the College to the Contractor on any account whatsoever and whether in respect of this contract, any other contract, or otherwise. In the event of his security deposit being reduced by reason of any such deduction or recipient as aforesaid, the contractor shall within ten days thereafter, make good in cash the shortfall in the amount of the security deposit. If the full amount of the security deposit to be paid as above within the period specified above, is not paid the tender/contract already accepted shall be considered as cancelled and legal steps shall be taken against the contractor for recovery of the amounts.

Fifty percentage of the security deposit shall become refundable within Fifteen days after the final completion certificate is issued as per above referred clause. All dues under this contract or other contract, or otherwise, shall be recovered from the aforesaid amount of fifty percentage of the said security deposit and the balance shall be refunded within 15 days after the final certificate is issued as per above referred clause. The remaining fifty percentage of the security deposit shall be refunded after expiry of the Defect Liability period as per clause 17 and 17-A after deducting there from the amount of expenses, if any, due to the College under this contract.

CLAUSE 2: Liquidated damages for delay:-

- (i) If the Contractor fails to complete the work under contract by the stipulated date, he shall pay liquidated damages of at the rate of 0.1 percentage of the contract value per day from the date of delaying the said work upto the date of completion and handing over to the the College.
- (ii) However also if the contractor fails to complete any part of the work as designed in Schedule (c) by the time indicated against such part, he shall pay Liquidated damages per day from the date of delaying the said part of the work up to the date of completion of the said designated part at the rates shown in the said schedule of the contract value of such part for such failure till the said designated part, is completed.
- (iii) The aggregate maximum of liquidated damages payable under clause No.2 Shall not exceed 0.10 Percentage of contract value per day and shall be subject to the maximum amount of ten percentage of the estimated amount put to tender.

(iv) Delays requiring payment of ten percentage liquidated damages of the amount put to tender for performance shall be sufficient causes for termination of contract and for forfeiture of security deposit in respect of works estimated to cost more than Rs.15 lacs, for. Performance and registration of the contractor shall also be kept in abeyance for three years from the date as fixed in all cases.

CLAUSE 3: Default by Contractor:

If the Contractor shall neglect on fail to proceed with the work with due diligence or if he violates any of the provision of the Contract, the Principal shall give the Contractor a notice, identifying deficiencies in performance and demanding corrective action. Such notice shall clearly state that it is given under the provision of this clause. After service of such notice, the contractor shall not remove any plant, equipment and material from the site. The The College shall have a lien on all such plant, equipment and material from the date of such notice till the said deficiencies have been corrected as mentioned in the said notice.

If the contractor fails to take satisfactory corrective action within ten days after receipt of such notice, the Principal on behalf of College shall terminate the contract in whole. In case the entire contract is terminated, the amount of security deposit with the value of the work done but not paid for, shall stand forfeited to the College. The plants, equipment and materials, held under this clause shall then be at the disposal of the College to recover the amount equivalent to the liquidated damages and registration of the contractor shall be kept in abeyance for three years from the date as fixed in all such cases.

The Principal if necessary shall direct that a part or the whole of such plant, equipment and material be removed from the site within a stipulated period. If the Contractor fails to do so, the Principal shall cause them or any part of them to be sold holding the net proceeds of such sale to the credit of the Contractor. After settlement of accounts, the lien by the The College of the contractor's remaining plant equipment and balances of materials shall be released.

Termination of the contract in whole shall be an adequate authority for the Principal to demand discharge of the obligations from the guarantor's of the security for the performance.

CLAUSE 4:

If the progress of any particular portion of the work under Contract is unsatisfactory, the Principal shall, notwithstanding that the general progress of the work is satisfactory, in accordance with Clause 2 be entitled to take necessary action under Clause 3 after giving the Contractor ten day's notice in writing and the contractor shall have no claim whatsoever for any compensation for any loss caused to him due to such action.

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CLAUSE 5:

In any case in which any of powers conferred upon the Principal by clause-3 hereof shall have become exercisable and the same shall not have been exercised, the non-exercise thereof shall not constitute a waiver of any of the conditions hereof and such powers shall not with standing be exercisable at any future date.

CLAUSE 5 A:

In the event of the Principal taking action under clause 3, he may if so desire take possession of all or any tools, plants, machineries materials and stores in or upon the work or the site there of or belonging to the contractor or procured by him and intended to be used for the execution of the work or any part thereof, by paying or allowing for the same in account at the contract rate or in case of contract rates not being applicable at such reasonable rate, as may be comparable to current market rates where ascertainable of similar articles and comparable condition, to be certified by the Principal. In the alternative the Principal may by notice in writing to the contractor

or his clerk of the works foreman or other authorised agent require him to remove such tools, plants, machineries, materials or stores from the premises within a time to be specified in such notice and in the event of the contractor failing to comply with any such requisition, the Principal may remove them at the contractor's expenses or shall remove them by auction or private sale at the risk and cost of the contractor in all respects, and the certificate of the Principal as to the expenses of any such removal and the amount of the proceeds and expenses of any such removal shall be final and conclusive against the contractor.

CLAUSE 6: Extension of time:

If the contractor shall desire an extension of the time for completion of the work on the ground of his having been unavoidably hindered in its execution or any other ground he shall apply in writing to the Principal before the expiration of the period stipulated in the tender or before the expiration of 30 days from the date on which he was hindered whichever is earlier and the Principal may, if in his opinion, believe that there are reasonable grounds for granting an extension, grant such extension as he thinks necessary or proper. The decision of the Principal in this matter shall be final

CLAUSE 7:

The Principal shall nominate a Qualified engineer (here in after referred as "the Engineer") to supervise the work and give completion certificate. As soon as the work is completed the contractor shall give a notice of such completion to the Principal and on receipt of such notice the Principal shall direct the engineer to inspect the work and if he is satisfied that the work is completed in all respect then:

- (i)For all works costing uptoRs.50 lakhs (amount put to tender) the final measurements shall be recorded within 45 days from the date of physical completion of the work and the final bill shall be prepared within 45 days from the date of recording final measurement., The completion certificate shall be issued within one month from the date of final measurement subject to the contractor fulfilling his obligation as provided in the contract and subject to the work being complete in all respects.
- (ii) In respect of works costing more than Rs.50 lakhs (amount put on tender), the final measurements shall be recorded within 75 days from the date of physical completion of the work and the final bill shall be prepared within 75 days from the date of recording final measurements subject to the contractor fulfilling his obligations as provided in the contract and subject to the work being complete in all respects.

When separate period of completion have been specified for items or groups of items, the Engineer shall issue separate completion certificate for such items or groups of items.

No certificate of completion shall be issued nor shall the work be considered to be complete till the contractor shall have removed from the premises, on which the work has been executed, all scaffolding, sheds and surplus materials, except such as are required for rectification of defects; rubbish and all huts and sanitary arrangements required for his workmen on the site in connection with the execution of the work, as shall have been erected by the contractor for the workmen and cleared all dirt form all parts of building(s) in, upon or around which the work has been executed or of which he may have possession for the purpose of the execution thereof and cleared floors, gutters and drains, cased doors and sashes, oiled locks and fastenings labeled keys clearly and handed them over to the Principal or his representative and made the whole premises fit for immediate occupation or use to the satisfaction of the Engineer . if the contractor shall fail to comply with any of the requirements of these conditions as aforesaid, on or before the date of completion of the works, the Principal may, at the expenses of the contractor, fulfill such requirements and dispose of the scaffolding, or surplus materials and rubbish etc. as he thinks fit and the contractor shall have no claim in respect of any such scaffolding or surplus materials except for any sum actually released by the sale thereof less the Cost of fulfilling the requirements and any other amount that may be due from the contractor. If the expenses of fulfilling such requirements is more than the amount realised such disposal as aforesaid the contractor shall

forthwith, on demand, pay such excess. The Principal shall also have the rights to adjust the amount of excess against any amounts that may be payable to the contractor.

CLAUSE 8:

No payment shall be made for any work, estimated to cost less than rupees one thousand till after the whole of the said work shall have been completed and a certificate of completion given. But in the case of works estimated to cost more than rupees one thousand, the contractor shall on submitting a monthly bill therefore, be entitled to receive payment proportionate to the part of the work then approved and passed by the Engineer, whose certificate of such approval and passing of the sum so payable shall be final and conclusive against the contractor.. All such intermediate payments hall be regarded as payments by way of advance against the final payments only and not as payments for work actually done and completed and shall not preclude the Engineer from requiring gad, unsound, imperfect or unskilled work to be removed and taken away and reconstructed or re-erected, nor shall any such payment be considered as an admission of the due performance of the contractor or any part therefore in any respect or the accruing of any claims, nor shall it conclude, determine, or affect in any way the power of the Principal as to the final settlement and adjustment of the accounts or otherwise or in any other way vary or effect the contract. The final bill shall be submitted by the contractor within one month of the completion of the work, otherwise the Engineer's certificate of the measurements and of the total amount payable for the work shall be final and binding on all parties.

CLAUSE 9:

The rates for items of works shall be valid only when the items concerned is accepted as having been competed fully in accordance with the sectional specifications. In cases where the items of work are accepted as not so completed, the Principal may make payment on account of such items at such reduced rates as he may consider reasonable in preparation of final or on account bill.

CLAUSE 10: Bills to be submitted monthly:

A bill shall be submitted by the contractor each month on or before the date fixed by the Principal for all works executed in the previous month and Principal shall take or cause to be taken the requisite measurements for the purpose of having the same verified and the claim, so far as it is admissible, shall be adjusted, if possible, within ten days from the presentation of the bill. If the contractor does not submit the bill within the time fixed as aforesaid, the Principal may depute a subordinate to measure up the said work in the presence of the contractor or his duly authorised agent whose counter-signature to the measurement list shall be sufficient warrant and the Principal may prepare a bill from such list which shall be binding on the contractor in all respects.

CLAUSE 11:

The contractor shall submit all the bills on the printed forms to be had on application at the office of the Principal. The charges to be made in the bills shall always be entered at the rates specified in the agreement or at the partly reduced rates subject to the approval by the Engineer in the case of items not completed/executed as per agreements or in the case of any extra work ordered in pursuance of these conditions and not mentioned or provided for in the tender, at the rate here in after provided for such work .

CLAUSE 12:

For materials provided in schedule-A and consumed in excess quantities, the rates provided in Schedule A shall be increased/executed corresponding to the increased/decrease in the new rate payable for excess quantity as compared to the tender-rates. The rate for materials provident in

extra items will be the issue rates plus storage charge ruling on the date of issue of such quantity of materials.

CLAUSE 13:

(1) The contractor shall execute the whole and every part of the work in the most substantial and workman-like manner and both as regards materials and in other respects in strict accordance with specifications.

The contractor shall also confirm exactly, fully and faithfully to the design, drawings and instructions in writing for the work signed by the Principal . the design and the drawings shall we lodged in the office of the site Principal to which the contractor shall be entitled to have access for the purpose of inspection at such office during office hours.

Where the instructions referred to above are not contained in separate letters addressed to the contractor the same shall be recorded in the work-order book, which shall be maintained and kept on the site of the work. The contractor shall be required to sign such entries in the work-order book in token of having noted the instructions. However, if the contractor fails to sing the work-order book for any reason whatsoever, the entry of the instructions in the work-order book shall be deemed to be the due notice to him of the said instructions. The work-order book shall be open for inspections to the contractor on the site of the work during office hours.

- (2) The contractor will be entitled to receive one copy of the accepted tender along with the work order free of cost and will also be entitled to receive three sets of contract and working drawings according to the progress of work as and when needed, free of cost.
- (3) The several documents forming the contract are essential parts of the contract and requirements occurring in one is binding as through occurring in all. They are intended to be mutually explanatory and complimentary and to describe and provide for a complete work.

In the event of any discrepancy in the several documents forming the contract or in any one documents, the following order of precedence should apply.

(a) Dimension and quantities: (i) Drawings (ii) Schedule-B of the Tender form (iii) specification.

On drawings, figures dimensions, unless obviously incorrect, will be followed in preference to scaled dimensions.

(b) Description: (I) Schedule-B of the Tender form: - (ii) Drawings (iii) Specifications.

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In the case of effective description or ambiguity, the Principal is entitled to issue further instructions directing in what manner the work is to be carried out. The contractor cannot take any advantage of any apparent error or omission in drawings or specifications and the Principal shall be entitled to make corrections and interpretations as necessary to fulfill the plans and specifications.

CLAUSE 14.1:

The Engineer shall have power to make any alterations in or addition to the original specifications, drawings, designs and instructions that may appear to him to be necessary or advisable during the progress of the work and the contractor shall be bound to carry out the work in accordance with any instructions in this connection which may be given to him in writing signed by the Principal and such alternation shall not invalidate the contract and additional work which the contractor may be directed to do in the manner above specified as part of the work shall be carried out by the contractor on the same conditions in all respects on which he agreed to do the main work and at the same rate as out by the contractor on the same conditions in all respects on which he agreed to do the main work and at the same rate as are specified in the tender for the main work.

14.2. Except that when the quantity of any item exceeds the quantity as in the tender by more than 10 % the contractor will be paid for the quantity in excess of 10 % at the rate entered in the

SOR of the year during which the excess in quantity is first executed or tender rate whichever is less.

- **14.3.** If the additional or altered work includes any class of work for which no rate is specified in this contract, then such class of work shall be carried out.
- (i) At the rate derived from the item within the contract which is comparable to the one involving additional or altered class of work, where there are more than one comparable items, the item of the contract which is nearest in comparison with regard to class or classes of the work involved shall be selected and the decision of the Engineer as to the nearest comparable item shall be final and binding on the contractor.
- (ii) If the rate cannot be derived in accordance with (i) above, such class of works shall be carried out at the rate entered in the Schedule of Rates of the Division for the year in which the tender was received, increased or decreased by the percentage by which the tender amount is more or less as compared to the amount arrived at the rates in the "Schedule or Rates" of the Division in the year in which the tender was received, if the Schedule of rates of the Division does not contain all the items the percentage increase or decrease of the tender shall be calculated considering such items which were included in the "Schedule of Rates "of the Division for the year and for materials consumed on such item the rate to be charged would be the basic rate taken into account for fixing the rate in S.O.R. referred to above instead of the rate stipulated in schedule 'A'.
- (iii) If it is not possible to arrive at the rate from (i) and (ii) above, such class of work shall be carried out at the rate decided by the competent authorities on the basis of detailed rate analysis after hearing the contractor before a Committee of Rusa-2 Component 9 of the College.
- 14.4 If the additional or altered work, for which no rate is entered in the "Schedule of Rates" of the Division is ordered to be carried out before the rate is agreed upon, then the contractor shall within seven days of the date of receipt by him of the order to carry out the work, inform the Principal of the rate, which it is his intention to charge for such class of work and if the Engineer in charge does not agree to this rages, he shall by notice in writing be at liberty to cancel his order to carry out such class of work and arrange to carry it out in such manner as he may consider it advisable, provided always that if the contractor shall commence work or incur any expenditure in regard thereof before the rates shall have been determined as lastly herein before mentioned, then in such cases he shall only be entitled to be paid in respect of the work carried out or expenditure incurred by him prior to the date of the determination of the rate as aforesaid according to such rate or rates as shall be fixed by the Principal. In the event of the dispute, the decision of the Committee of Rusa-2 Component 9 of the College shall be final.

Where, however, the work is to be executed according to the designs, drawings and specifications recommended by the contractor and accepted by the competent authority, the alternation above referred to shall be within the scope of such designs, drawings and specifications appended to the tenders.

The time limit for the completion of the work shall be extended in the proportion that the increase in the cost occasioned by alternations bears to the cost of the original contract work and the certificate of the Engineer to such proportion shall be final and conclusive.

14.5 For excess in item of well sinking the rates for sinking in depth beyond the designed depth shall be as per the rate quoted by the contractor in the statement of variation, if no rates of variation in sinking are quoted the rate payable shall be the tender rate for sinking at designed level increased by the difference of schedule of rate for sinking at designed depth and sinking at final depth.

CLAUSE 15: No claim for any payment of compensation for change or restriction of work

If at any time after the execution of the contract documents the Principal shall for any reason whatsoever, require the whole or part of the work, as specified in the tender, be stopped for any period or shall not require the whole or part of the work to be carried out at all or to be carried out by the contractor, he shall give notice in writing, stating the fact to the Contractor who shall thereupon suspend or stop the work totally or partially, as the case may be. In any such case, except as provided hereunder, the Contractor shall have no claim to any payment or compensation whatsoever except as provided hereunder on account of any profit or advantage which he might have derived from the execution of the work in full but which he did not so derive in consequence of the full amount of the work not having been carried out, or on account of any loss that he may be put to on account of materials purchased or agreed to be purchased or for unemployment of labour required by him. He shall not have also any claim for compensation by reason of any alteration having been made in the original specifications, drawings, designs and instructions which may involve any curtailment of the work as originally contemplated.

- (1) However, the contractor will be entitled for compensation for loss, if any on the date of notice,
- for the purchased materials or for the contract executed for the material to be purchased for such work. Such compensation will be paid only for actual loss for materials, if such materials so purchased or agreed to purchase is of required quantity/quality and was purchased/ contracted to be purchased only for the same work. But no compensation shall be granted to contractor on material for which advance has been given to contractor by the College. The amount of loss for such claim will be decided by Principal.
- (2) The contractor also will be entitled for compensation of unemployed labour for 7 days from the date of notice provided that in that opinion of Principal such labour working for 7 days prior to the notice and would not be in a position to get employment elsewhere within 7 days from the date of such notice. The contractor should try to employ such unemployed labour at other places from the date of such notice.

The decision of Principal will be final and binding to the Contractor.

The Contractor shall not be entitled for loss of any expected profit of such work.

CLAUSE 16: Time limit for unforeseen claims:

The contractor shall not be entitled to any compensation from the College on any account unless where allowed by the conditions of this contact. In such cases the contractor shall have to submit a claim in writing to the Principal within one month of the cause of such claim occurring.

CLAUSE 17: Action & compensation in case of bad work:

If at any time before the expire of Defects Liability period as detailed in Clause 17-A. It shall appear to the Principal or his sub-ordinate in charge of the work that/any work has been executed unsound, imperfect or unskilled workmanship or with materials of inferior quality or that any materials or articles provided by him for the execution of the work are unsound, or of a quality inferior to that contracted for or are otherwise not in accordance with the contract, it shall be lawful for the Principal to intimate this fact in writing to the contractor and then notwithstanding the fact that the work, materials or articles complained for may have been passed, certified and paid for the contractor shall be bound forthwith to rectify, or remove and reconstruct the work so specified in whole or in part as the case may require, or if so required, shall remove the materials

or articles so specified in whole or in part and provide other proper and suitable materials or articles at his own charge and cost, and in the event of his failing to do so within a period to be specified by the Principal in the written intimation aforesaid, the contractor shall be liable to pay compensation at the rate of one percent on the amount of the estimate of the rectification for every day not exceeding ten days during which the failure so. Continues and in the event of any such failure as aforesaid continuing beyond ten days, the Principal may rectify or remove, and reexecute the work or remove and replace the materials complained of as the case may be at the risk and expense in all respects of the contractor. Should the Engineer consider that any such inferior work or materials as described above may be accepted or made use of, it shall be within his discretion to accept the same at such reduced rates as he may fix therefore.

However, the contractor shall be responsible for normal maintenance of the work till the final bill for the work is prepared by the Engineer.

CLAUSE 17A :-Defect liability period : The contractor shall be responsible to make good and remedy at his own expense any defect which may develop or may be noticed before the period mentioned hereunder from the certified date of completion. The Principal shall give the contractor a notice in writing about the defects and contractor shall make good same within 15 days of receipt of the notice. In the case of failure on the part of the contractor, the Principal may rectify or remover or re-execute the work at the risk & cost of the contractor. The Principal shall be entitled to appropriate the whole or any part of the amount of security deposit towards the expenses, if any, incurred by him in rectification, removal or re-execution. The Defects Liability period shall be as under

- (a) for all works costing up to Rs. 50,000 (amount put to tender), the period shall be 3 months from the certified date of completion.
- (b) for all works costing more than **Rs. 50,000** and up to **Rs. 1 Crore** (amount put tender), the period shall be **12 months** from the certified date of completion or one monsoon, whichever is later.
- (c) for major projects costing more than **Rs. 1 crore**, the period shall be **36 months** (**Thirty Six**) from the certified date of completion or three monsoons, whichever is later.
- (d) For building works, the period specified in (a),(b) or (c)above OR elapse of monsoon period following the certified date of completion, whichever is later. For the purpose of deciding the monsoon period, the 30 th September may be treated as the last date.

CLAUSE 18: Work to be open to inspections –Contractor or responsible agent to be present.:

All Works under or in course of execution or executed in pursuance of the contract shall, at all times be open to the inspection and supervision of the Engineer, the Principal and his subordinates and the Contractor shall, at all times during the usual working hours, and all other times for which reasonable notice of the intimation of the Engineer, the Principal or his subordinate to visit the works shall have been given to the contractor, either himself be present to receive orders and instructions or have a responsible agent duly accredited in writing present for that purpose. Orders given to the contractor's duly authorised agent shall be considered to have the same force and effect as if they had been given to the Contractor himself.

CLAUSE 18: Employment of a qualified site Engineer by the Contractor.

The Contractor shall employ full-time technically qualified civil engineer during the execution of this work. The Engineer so employed for the the College work must have sufficient experience to handle the work independently. Such an Engineer shall have to stay at the site of work and he shall not be entrusted with other duty except this work.

In case the contractor or partner of the contractor firm is a Civil Graduate Engineer, Employment of separate Engineer will not be necessary provided that the Engineer partner himself attends the execution of the work on the site.

CLAUSE 19: Notice to be given before work is covered up:

The contractor shall give not less than five day's notice in writing to the Principal or his subordinate in charge of the work before covering up or otherwise placing beyond the reach of measurement any work in order that the same may be measured and correct dimensions there of taken before the same is so covered up or placed beyond the reach of measurement and if any work shall be covered up or placed beyond the reach of measurement without such notice having and if any work shall be covered up or placed beyond the reach of measurement without such notice having been given or consent obtained, the same shall be uncovered at the contractor's expenses and in default thereof no payment or allowance shall be made for such work or for the materials with which the same was executed.

CLAUSE 20:

If the contractor or his workmen, or servants shall break, deface, injure or destroy any part of the building or the work in a question in/on which they may be working or any building, road, fence, enclosure or grassland or cultivated ground contiguous to the premises on which the works or any part thereof is being executed or if any damage shall be done to the work from any causes whatever before damage occurred/caused due to normal flood or rain or if any imperfections become apparent in it within three months from the grant of a certificate of completion, final or otherwise by the Engineer, the contractor shall make good the same at own expenses or in default, the Principal may cause the same to be made good by other contractor, and deduct the expenses (of which the certificate of the Engineer shall be final) from any sums that may thereafter become due to the contractor or from his security deposit or the proceeds of sale thereof or a sufficient portion thereof.

CLAUSE 20A:

Neither party shall be liable to the other for any loss or damage occasioned by or arising out of God, such as "Unprecedented flood", volcanic eruption, earthquake or other convulsion of nature and other acts such as but not restricted to general strike, invasion, the acts of foreign countries, hostilities, or war like operations before or after declaration of war, rebellion, military or usurped power which prevent performance of the contract and which could not have been foreseen or avoided by a prudent person.

Note: "Unprecedented flood" means the flood crossing the High Flood Level of the past Twenty Year(s) which is on the available record.

CLAUSE 21: Contractor to supply plant, ladders, scaffolding etc. and is liable for damage arising from non-provision of lights, fencing etc.:

The contractor shall supply at his own cost all materials (except such special materials if any, as may, in accordance with the contract to be supplied from the College), plant, tools, appliances, implements, ladders, cordage, tackle, scaffolding, and any temporary works which may be required for the proper execution of the work whether in the original, altered or substituted form and whether included in the specifications, or other documents forming part of the contract or referred to in these conditions or not and which may be necessary for the purpose of satisfying or complying with requirements of the Principal as to any matter or to which under these conditions he is entitled to be satisfied or which he is entitled to require together with carriage there for to and from the work. The contractor shall also supply without charge the requisite number of persons with the means and materials necessary for the purpose of settings out works and counting, weighing and assisting in the measurement or examination at any time and from time to time, of the work or the materials, failing this, the same may be provided by the Principal at the expenses of the Contractor and the expenses may be deducted from any money due to the Contractor under the contract or from his security deposit, or proceeds of sale thereof or of a sufficient portion thereof. The contractor shall provide all necessary fencing and lights required to protect the public from accident and shall also be bound to bear expenses of defence of every suit,

action or other legal proceeding, at law that may be brought by any person for injury sustained. Owing to neglect of the above precautions and to pay any damages and costs which may be awarded in any such suit, action or proceedings to any such person, or which may, with the consent of the Contractor, be paid in compromising any claim by any such person.

CLAUSE 21A: The Contractor shall provide suitable scaffolds and working platforms, gangways and stairways, and shall comply with the following regulation in connection therewith.

- (a) Suitable scaffolds shall be provided for workmen for all works that cannot be safely done from a ladder or by other means.
- (b) A scaffold shall not be constructed, taken down or substantially altered except
- (i) Under the supervision of a competent and responsible person.
- (ii) appointed by contractor and by competent workers possessing adequate experience in this kind of work.
- (c) All scaffolds and appliances connected therewith and all ladders shall
- (i) be of sound material
- (ii) be of adequate strength having regard to the loads and strains to which they will be subjected and
- (iii) be maintained in proper condition
- (d)Scaffolds shall be so constructed that no part thereof can be displaced in consequence of normal use.
- (e) Scaffolds shall not be overloaded and so far as practicable the load shall be evenly distributed.
- (f) Before installing the lifting gear on scaffolds, special precaution shall be taken to ensure the strength and stability of the scaffolds.
- (g) Scaffolds shall be periodically inspected by a competent person.
- (h) Before allowing a scaffold to be used by his workmen, the Contractor shall, whether the scaffold has been erected by his workmen or not, take steps to ensure that it complies fully with the regulation herein specified.
- (i) Working platforms, gangways shall –
- (i) be so constructed that no part thereof can dug unduly or unequally.
- (ii) be/so constructed and maintained having regard to the prevailing conditions as to reduce as far as practicable risks of persons tripling or slipping and
- (iii) be kept free from any unnecessary obstruction.
- (j) In the case of working platforms, gangways working places and stairways at a height exceeding 2.00 Mtr.(to be specified)
- (i) every working platform and every gangway shall be closely boarded unless other adequate measures are taken to ensure safety.
- (ii) every working platform and every gangway shall have adequate width, and
- (iii) every working platform, gangway, working place and stairway shall be suitably fenced.
- (k) Every opening in the floor of a building or in a working platform shall, except for the time and to the extent required to allow the access of person or the transport or shifting of materials be provided with suitable means to prevent the fall of persons or material.
- (I)When persons are employed on a roof where there danger of falling from a height exceeding 3.00 Mtr.(to be specified) meters suitable precaution shall be taken to prevent the fall of persons or material.
- (m) Suitable precautions shall be taken to prevent persons being struck by articles which might fall from scaffold or other working places.
- (n) Safe means of access shall be provided to all working platforms and other working places.

CLAUSE 21B: The contractor shall comply with the following regulations as regards the hoisting appliances to be used by him

(a) Hoisting machines and tackle including their attachments, anchorages and supports shall –

- (i) be of good mechanical construction, sound material and adequate strength and free from patent defect, and
- (ii) be kept in good repair and in working order
- (b) Every rope used in hoisting or lowering materials or as a means of suspension shall be of suitable quality and adequate strength and free from patent defect.
- (c) Hoisting machines and tackles shall be examined and adequately tested after erection on the

site and before use and be re-examined in position at intervals to be prescribed by Principal.

- (d) Every chain, ring, hook, shackle, swivel and pulley block used in hoisting or lowering materials or as a means of suspension shall be periodically examined.
- (e) Every crane driver or hoisting appliance operator shall be properly qualified.
- (f) No person who is below age of 15 years shall be in control of any hoisting machine, including any scaffolds, nor shall give signals to the operator.
- (g) In the case of every hoisting machine and of every chain, ring hook, shackle, swivel and pulley block used in hoisting or lowering or as a means of suspension the safe working load shall be ascertained by adequate means.
- (h) Every hoisting machine and all gears referred to in preceding regulation shall be plainly marked with the safe working load.
- (i) In the case of hosting machine having a variable safe working load, each safe working load and conditions under which it is applicable shall be clearly indicated.
- (j) No part of any hoisting machine or gear referred to in regulation 'g' above shall be loaded beyond the safe working load except for the purpose of testing.
- (k) Motors, gears, transmissions, electric wiring and other dangerous parts of hoisting appliances shall be provided with sufficient safeguards.
- (1) Hoisting appliances shall be provided with such means as will reduce to a minimum the risk of the accidental descent of the load.
- (m) Adequate precautions shall be taken to reduce to minimum the risk of any part of a suspended load becoming accidentally displaced.

CLAUSE 22: Measures for Prevention of Fire:

The contractor shall not set fire to any standing jungle, tree bush wood or grass without a written permit from the Principal.

When such permit is given, and also in all cases when destroying cut or dug up tree, bush wood, grass etc. by fire, the contractor shall take necessary measures to prevent such fire spreading to or other-wise damaging surrounding property. When such permit is given and also in all cases when destroying cut or dug up tress, bush wood, grass etc. by fire, the contractor shall take necessary measures to prevent such fire spreading to or other-wise damaging surrounding property.

CLAUSE 23: Liability of contractors for any damages done in or outside work area:

Compensation for all damage done intentionally or unintentionally by Contractor's laborers whether in or beyond limits of The College property including any damage caused by the spreading of fire mentioned in the clause 22, shall be estimated by the Principal, or such other Officer as he may appoint and the estimates of the Principal, shall be final and the contractor shall be bound to pay the amount of the assessed compensation on demand, failing which the same will be recovered from the Contractor as damages in the manner prescribed in clause 1 or deducted by the Principal from any sums that may be due or become due from the College to the contractor under this contract or otherwise.

The Contractor shall bear the expenses of defending any action or other legal proceeding that may be brought by any person for injury sustained by him owing to neglect of precautions to prevent the spread of the fire and he shall also pay the damages and cost that may be awarded by the court in consequence.

CLAUSE 24 : Deleted CLAUSE 25 : Deleted

CLAUSE 26: Work not to be sublet. Contract may be rescinded and security deposit forfeited for subletting it without approval or for bribing Principal/Engineer or if contractor becomes insolvent:

The contract shall not be assigned or sublet without the written approval of the Principal. And if the contractor shall assign or sublet his contract or attempt to do so or become insolvent or commence any proceeding to get himself be adjudicated an insolvent or make any compromisation with his creditors, or attempt to do so, the Principal may, by notice in writing rescind the contract, Also if any bride, gratuity, gift loan, perquisite, reward or advantage, pecuniary or otherwise, shall either directly or indirectly be given, promised or offered by the contractor, or any of his servants or agents to any public officer or person in the employ of the College in any way relating to his office or employment, or if any such officer or person shall become in any way directly or indirectly interested in contract, the Principal may thereupon by notice in writing rescind the contract. In the event of contract being rescinded, the security deposit of the contractor shall thereupon stand forfeited and be absolutely at the disposal of the College and the same consequence shall ensure as if the contract had been rescinded under clause 3 hereof and in addition the contractor shall not be entitled to recover or be paid for any work therefore actually performed under contract.

CLAUSE 27: Sums payable by way of compensation to be considered as reasonable compensation without reference to actual loss:

All sums payable by a contractor by way of compensation under any of these conditions shall be considered as a reasonable compensation to be applied to the use of the College without reference to the actual loss or damage sustained and whether any damage has or had not been sustained.

CLAUSE 28: Change in the constitution of firm to be notified:

In the case of a tender by partners, any change in the constitution of a firm shall be forthwith notified by the Contractor to Principal for his information.

CLAUSE 29: Works to be under directions of Engineer:

All works to be executed under the contract shall be executed under the direction and subject to the approval in all respects of Engineer of the College for the time being, who shall be entitled to direct at what point or points and in what manner they are to be commenced and from time to time carried on.

CLAUSE 30 : (1) Disputes to be referred to Tribunal :

The disputes relating to this contract, so far as they relate to any of the following matters, Whether such disputes arise during the progress of the work or after the completion or abandonment thereof, shall be referred to the Arbitration Tribunal, Gujarat State.

- (i)The rates of payment under clause 5 for any tools, materials and stores, in or upon the works of the site thereof or belonging to the contractor or procured by him an intended to be used for execution of the work or any part thereof possession of which may have been taken by the Principal under the said clause-5
- (ii) The Reduction in rates made by the Principal under clause 9 from the items of works not accepted as completed fully in accordance with the sanctioned specifications.

- (iii) The rate of payment for any class of work which is included in the additional or altered work carried out by the contractor in accordance with the instructions of the Principal under clause 14 and the rates for which is to be determined under the said clause 14.
- (iv) The rates of payment for materials already purchased or agreed to be purchased by the contractor before receipt of notice given by the Principal under clause 15, and/or the amount of compensation payable to the contractor under the said clause for loss in respect of such materials.
- (v) The amount of compensation which the contractor shall be liable to pay under clause 17 in the event of his failure to rectify, remove or reconstruct the work within the period specified in the written intimation or the amount of expenses incurred by the Principal under the said clause 17 in rectifying, removing or re-executing the work or in removing and replacing the materials or articles complained of .
- (vi) The reduction of rates as may be fixed by the Principal under clause 17 for the inferior work or materials as accepted or made use of.
- (vii) The amount of compensation payable by the contractor for damages as estimated and assessed under clause 23.
- (viii)The amount payable to the contractor for the work carried out under clause 33 in accordance with the instructions and the requirements of the Principal in a case where there are no specifications.
- (2) The provision of Section-21 of the GPWD dispute Arbi. Tribunal Act –92 & order issued by the Govt. in connection with this Act will now apply for Arbitration
- (3) The provision of Arbitration Act .,shall in so far as they are inconsistent with the provision of this act cease of to apply to any dispute arising from a works contract and all arbitration proceedings in relation to such dispute before an arbitrator, court of authority shall stand transferred to the Tribunal.
- (4) The awards declared by the arbitrator should be speaking award, giving reasons and calculations for every item of claims. The decision will have to be implemented by the College and Contractor.
- (5) Incase of dispute leading to the contractor or the College approaching to Court of Law, it shall be within the jurisdiction of Porbandar.
- (6) The reference to arbitration proceeding under this clause shall not
- (i) affect the right of the Principal under clause 5 to take possession of all or any tools plants materials and stores in or upon the works of site thereof belonging to the contractor or procured by him and intended to be used for the execution of the work or any part thereof.
- (ii) Preclude the Principal from utilising the materials purchased by the contractor in any work or from removing such materials to other places, during the period the work is stopped or suspended in pursuance of notice given to the contractor under clause 15
- (iii) Entitle the contractor to stop the progress of the work or the carrying out the additional or altered work in accordance with the provisions of clause 14 or as the case may be or clause 33.

CLAUSE 31 : Deleted

CLAUSE 32: Lump sum in estimates:

When the estimate on which a tender is made includes lump sum in respect of part of the work, the contractor shall be entitled to payment in respect of the items of work involved or the part of the work in question at the same rates as are payable under this contract for such items, or if the part of the work in question is not in the opinion of the Principal capable of measurement the Principal may, as his discretion, pay the lump sum amount entered in the estimate and the certificate in writing of the Principal shall be final and conclusive against the contractor with regard to any sum or sums payable to him, under the provisions of this clause.

CLAUSE 33: Action where no specifications:

In the case of work for which there is no such specification, such work shall be carried out tin accordance with the Divisional Specification and in the event of there being no Divisional

Specifications, then, in such case the work shall be carried out in all respects in accordance with the instructions and requirements of the Principal.

CLAUSE 34: Definition of work:

The expression "work" or "works" where used in these conditions shall, unless, there be something in the subject or context repugnant to such construction to mean the work, or the works, contracted to be executed under or in virtue of the contract, whether temporary or permanent and whether original, altered, substituted or additional.

CLAUSE 35: Contractor's percentage whether applied to net or gross amount or the bill: Percentage referred to in the tender shall be deducted from / added to the gross amount of the bill before deducting the value of any stock issued. (This clause shall be applicable only for B-1 tender)

CLAUSE 36: Non refund of quarry fees & Royalties:

The contractor shall pay the royalty to the competent authority / local body as per rules. The contractor shall furnish quarterly the statement showing quantity of quarried materials, from whom purchased (with full address of the seller) and copies of bills for purchase to the District Officer of the Mining and Geology Department or authority competent to levy royalty in the area of work. Contractor shall also furnish such additional information as regard royalty payment to the royalty authority. The royalty charges paid shall be borne by the Contractor and shall not be reimbursed by The Principal (Authority:- R & BD Circular No. TNC – 2286 – UO – 39 (19) – C dated 23-10-1989.)

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Clause 37: Compensation under the workmen's compensation Act:

The contractor shall be responsible for and shall pay compensation to his workman payable under the Workman's Compensation Act. 1923 (VIII of 1923) hereinafter called the said Act) for injuries caused to the workman. If such compensation recoverable by The College as principal under sub-section 12(1) of the said Act on behalf of the Contractor it shall be recoverable by The College from the contractor under sub section 12(2) of the said section. Such compensation shall be recovered in the manner laid down in clause 1 above.

CLAUSE 37-A

The Contractor shall be responsible for and shall pay the expenses of providing medical aid to any workmen who may suffer a bodily injury as a result of an accident. If such expenses are incurred by The College, the same shall be recoverable from the contractor for with and be deducted, without prejudice to any other remedy of The College from amount due or that may become due to the Contractor.

Clause 37-B:

The contractor shall provide all necessary personal safety equipment and first aid apparatus available for the use of the person employed on the site and shall maintain the same in suitable condition for immediate use at any time and shall comply with the following regulations in connection therewith.

- (a) The workers shall be required to use the equipment so provide by the Contractor and Contractor shall take adequate steps to ensure proper use of the equipment by those concerned.
- (b) When work is carried on in approximates to any place where there is a risk of drowning all necessary equipment shall be provided and kept for use and all necessary steps shall be taken for the prompt rescue of any person, in danger.
- (c) Adequate provision shall be made for prompt first aid treatment of all injuries to be sustained

during the course of the work.

Clause 38:

The quantities shown in the tender are approximate and no claim shall be entertained for quantities of work executed being less than those entered in the tender. In the case of increase in the quantities by more than 10% the new rate will be paid to the contractor for the quantities in excess of 10%. The rates for the increased quantities as aforesaid will be fixed in the manner specified in clause -14

Clause 39: Employment of famine or other labour:

The contractor shall employ any famine, convict or other labour or particular kind or class, if ordered in writing to do so by the Principal.

Clause 40:

No compensation shall be allowed for any delay caused in the starting of the work on account of delay in making available the full site of land at a time.

Clause 41:

No claim for compensation shall be allowed for any delay in execution of the work on account of

water standing in borrow pits or compartment. The rates are inclusive of hard or cracked soil,

excavation in mud, sub soil water or water standing in borrow-pits and no claim for an extra rate shall be entertained unless otherwise expressly specified.

Clause 42: Entering upon or commencing any portion or work:

The Contractor shall not enter upon or commence any portion or work except with the written authority and instruction of the Principal or of his subordinate in charge of the work. Failing such authority, the Contractor shall have no claim to ask measurement of or payment for work.

Clause 43: Minimum age of person employed:

(I) No Contractor shall employ any person who is under the age of 18 years.

Clause 43 (i) :

The employment of donkeys and / or other animals and the payment of fair wages: For Asphalt work(s) as far as possible, only the adult persons should be employed by the contractor. If the adult person are not available, then the children below the age of 15(Fifteen years) should not be employed under any circumstance.

- (ii)No contractor shall employ donkeys or other animals with branching of string or thin rope. The branching must be at least three inches wide and should be of tape (Newer).
- (iii)No animal suffering from stores, lameness or emaciation or which is immature shall be employed on the work.
- (iv) The Principal or his agent is authorised to remove from the work any person or animal found working which does not satisfy these conditions and no responsibility shall be accepted by The College for any delay caused in the completion work by such removal.
- (v) The Contractor shall pay fair and reasonable wages to the workman employed by him in the contract undertaken by him in the event of any dispute arising between the Contractor and his workmen on the grounds that the wages paid are not fair and reasonable, the dispute shall be referred without delay to the Principal who shall decide the same. The decision of the Principal shall be conclusive and binding on the Contractor, but such decision shall not in any way affect the conditions in the contract regarding the payment to be made by The College at the section tender rates.
- (vi) The contractor shall provide drinking water facilities to the workers/laborers employed on The College works Amenities relating to sanitation shall also be provided to the workers/laborers employed on works (in urban areas). if the contractor fails to comply with these provisions, the Principal shall give notice in writing and if the contractor does not provide this facility to the workers/laborers within a period of ten days from the date of the notice in writing, the Principal shall thereupon make the arrangement for drinking water at the cost of the contractor.
- (vii) The Contractor shall provide the amenity of proper shade and shelter to the workers/labourers and their children on The College works as soon as the work starts. If the contractor fails to provide shed and shelter, the Principal shall provide the same at the cost of contractor.

Clause 44: Method of payment:

Payment to contractor shall be made by oneline transfers through banking channel and use of PFMS portal of Government of India.

Clause 45: Deleted Clause 46: Deleted.

Clause 47: Deleted

Clause 48: The rates to be quoted by the Contractor must be inclusive of all taxes prevailing on due date of bid submission.

However any subsequent changes in the tax structure by the Government after due date of bid submission will be compensated (‡) on availability or submission of actual documentation. Contractor has to intimate the Principal regarding changes occurred in the tax structure after bid submission. If contractor fails to provide such information and if any finantial obligation may arise duet to change in tax structure, same will be recovered from the contractor.

The contractor shall apply fair means of stock maintenance and shall adopt accounting standards as may be prescribed under GST. For arriving at the difference in procurement prices due to introduction of GST, it will be open for the College to ask for original invoices, LR, weight bridge slips, payment details and such other documents as may be required for the purpose.

If there is reduction in overall tax burden then proportional benefit of that shall be passed on to the Government.

Clause 49: The Contractor should, as far as possible, obtain his requirement of laborers skilled and unskilled, from the nearest Employment Exchange so as to utilize the local employment potential. If there are no local Employment Exchange or such Exchanges are not able to provide the required labour locally, suitable laborers should be utilised to the maximum extent possible.

Clause 50: Fair Wages:

If a Contractor fails to pay within '7' (Seven) days to the laborer(s) /worker(s) the minimum wages prescribed by the The College under the Minimum Wages Act. 1948 as in force from time to time, the Principal shall be at liberty to deduct the amount payable to the laborer/ workers from his (Contractors) bills or deposit(s) payable by the Contractor after making due inquiries and establishing the claim(s) of the laborer(s) /Workers(s).

The contractor shall not be entitled to any payment of compensation on account of any loss that the Contractor may have to incur on account of the action as aforesaid. Before the action as aforesaid, is enforced, a notice in writing to the Contractor shall be issued by the Principal to pay the wags as per Minimum Wages Act in force at the relevant time. If Contractor does not act as aforesaid within seven days, then the action contemplated as above shall be taken against him.

Clause 51: Deleted

Clause 52: List of Machinery:

The contractors shall also give a list of machineries in his possession and which they purpose to use on the work.

Clause 53: (i) In case, the roller deployed by Department for the use on contract work is kept idle by the contractor for want of adequate labour and materials, the contractor will have to pay rental charges as per prevailing rules even though the items of rolling and watering are to be carried out by the department.

(ii) If the contractor does not plan his programme so as to suit the requirement of the Department, the proportionate rental charge on roller shall be recovered from the contractor.

Clause 54: Deleted

Clause 55: Rent will be recovered from the contractor for the land given to them for stacking materials as well as for construction of temporary hutments etc.

Land measuring Charges

1. One hectare or less
2. More than 1 hectare & upto 2 hectares
3. More than 2 hectare & upto 3 hectares
4. More than 3 hectare & upto 4 hectares
Rs. 05 Per month
Rs.10 per month
Rs.15 per month
Rs.20 per month

Clause 56: Deleted

Clause 57:

1 Huts : The contractor shall build sufficient number of huts on a suitable plot of land for the use of the laborers according to the following specifications.

- (1) Huts of bamboos and grass may be constructed.
- (2) A good site shall be selected. High ground removed form jungle but well provided with tress shall be chosen wherever it is available. The neighborhood of rank jungle, grass or weeds should particularly be avoided. Camps should not be established close to large cuttings of earth work.
- (3) The lines of huts shall have open spaces of at least 10 m. between rows. When a good natural site cannot be procured, particular attention should be given to the drainage.
- (4) There should be no over-crowding. Floor spaces at the rate of 2.8 Sq.m. per head shall be provided. Care should be taken to see that the huts are kept clean and in good order.
- (5) The contractor must find out his own land. If he wants The College land, he should apply for it and pay assessment for it.
- 2. **Drinking Water:** The contractor shall as far as possible, provide an adequate supply of chlorinated pure potable drinking water for the use of laborers. This provision shall be at the rate of not less than 4.5 liters per head. No provision need-be made where there is a suitable nala, river or well within 0.4 km of the camp. However arrangement should as far as possible, be made to chlorinate water by chlorinated tables fore it is allowed for drinking purpose.
- 3. The contractor shall construct semi permanent latrines for the use of Laborers on the following scale, namely (a) Where female are employed, there shall be at least one latrine for every 25 females. (b) Where males are employed there shall be at lest one latrine for every 25 males provided that where the number of males or female exceed 100, it shall be sufficient if there is one latrine for every 25 males or females, as the case may be upto the first 100 and one for every 50 thereafter.
- 4. **Privacy in latrines :** Every latrine shall be under cover and so partitioned off as to secure privacy, and shall have a proper door and fastenings.
- 5. Notice to be displayed outside latrines and urinals: (1) Where workers of both sexes are employed there shall be displayed outside each block of latrine and urinal a notice in the language understood by the majority f the workers For Men Only or For Women Only: as the case may be. (2) The notice shall also bear the figures of a man or of a women, as the case may be.
- 6. **Urinals:** There shall be at least one urinal for male/female workers upto 50 employed at a time. Provided that where the number of male or female workmen, as the case may be, exceeds 500, it shall be sufficient if there is one urinal for every 50 males or females upto the first 500 and one for every 100 males or females or part thereof.
- 7. Latrines and Urinals to be accessible: (1) The latrines and urinals shall be conveniently situated and accessible to workers at all times at the establishment. (2) (I) The latrines and urinals shall be adequately lighted and shall be maintained in a clean and sanitary condition at all times (ii) Latrines and urinals other than those connected with a flush sewage system shall comply with the requirements of the Public Health Authorities.

- 8. Water for latrines and urinals: Water shall be provided by means of pipes or tanks or the rise, so also be conveniently accessible in or near the latrines and urinals.
- 9. **Bathing and washing places**: (1) The contractor shall construct sufficient number of bathing places every unit of 20 persons being provided with a separate bathing place. (2) Washing places should also be provided for the purposes of washing clothes. Every unit of 30 persons shall have at least one washing place. (3) such bathing and washing place should be suitably screened and separate places provided for male and female workers. (4) Such facilities shall be conveniently accessible and shall be kept in clear and hygienic condition.
- 10. **Drainage**: The contractor shall make sufficient arrangement for draining away the sewerage water as well as water from the bathing and washing places and shall dispose off this waste water in such as way as not to cause nuisance. The contractor should obtain a permission from the Gujarat Water Pollution Control Board, Gandhinagar if Water is so be drained in river or near the well. The contractor would put malaria oil once in a week in stagnant water round about the residence.
- 11. **Medical facilities**: The contractor shall engage a medical officer with a traveling dispensary for a camp having 500 or more persons if there is no The College or other private dispensary situated within 6 k.m. from the camp.
- 12. **Conservancy and cleanliness:** The contractor shall provide the necessary staff for effecting the satisfactory conservancy and cleanliness of the camp to the satisfaction of the Principal. At least one sweeper per 200 persons should be engaged. Conservancy staff should dump refuge in compost pit, away from the labour camp.
- 13. **Health Provisions:** The District Health Officer of the District or the Deputy Director of Health Service shall be consulted before opening a labour camp and his instructions on matters, such as the water supply, sanitary convenience, the camp-site, accommodation and food supply shall be followed by the contractor.
- 14. Precautions against epidemic: (a) The authorities in charge of the colonies should get the laborers inoculated against cholera and plague and vaccinated against smallpox at the time or recruitment, if they are not inoculated or vaccinated within 6 months or 3 years respectively prior to the date of recruitment. (b) When, in any labour camp there is an epidemic disease or is threatened with such an outbreak, the authorities in charge of the labour camps should ensure that all the inmates of the labour colonies are inoculated or vaccinated as the case may be, depending on the diseases, within 72 hours after the outbreak. (c) The authorities in charge of the labour colony should arrange to communicate by wire regarding the outbreak of the epidemic diseases on the very day of the outbreak, of the Mamlatdar of the Taluka, the District Health officer or to the Deputy Director of Public Health in charge of that area and the Director of Public Health. Thereafter they should continue to send daily reports to the above officers in the prescribed form regarding the progress of the epidemic disease. (d) When the authorities in charge of the labour colony suspect or have reason to believe that any immediate of the labour colonies is suffering from the infectious or contagious disease, they shall forthwith arrange for the segregation of such persons to isolated huts to be specifically provided for the purpose and also for their treatment (e) As regional malaria epidemic outbreaks are likely to occur in such project areas, the authorities in charge of the labour colonies should report promptly the occurrence of unusual incidence of cases of malaria and also inform the District Health Officer of the District, Deputy Director of Public Healthy (Malaria) and the Director of Public Health and also arrange to institute all necessary anti measures as may be advised by the officials of the Public Health Department. (f) The authorities in charge of the colonies should also arrange to carry out any other measures that may be recommended by the officials of the Public Health Department necessary to prevent or control the spread of disease.
- 15. Rest rooms: (1) In every place where in contract labour is required to halt at night in connecting with the contract works and in which employment of contract labour is likely to

continue for three month or more, the contractors shall provide and maintain rest rooms or other suitable alternative accommodation within fifteen days of the employment of contract labour.

- (2) If the amenity referred to in sub rule is not provided by the contractor within the period prescribed, the employer shall provided the same within a period of fifteen days of the expiry of the period laid down in the sub-rule (1).
- (3) Separate rooms shall be provided for women employees.
- (4) Effective and suitable provision shall be made in every rooms for securing and maintaining adequate ventilation for the circulation of fresh air and there shall also be provided and maintained sufficient and suitable natural or artificial lighting.
- (5) The rest room or other suitable alternative accommodation shall be of such dimensions as to provide at least a floor area or 1. Sq. mt. For each person making use of rest rooms.
- (6) The rest room or other suitable alternative accommodation shall be so constructed as to afford adequate protection against heat, wind, rain, and shall have smooth, hard and impervious surface.
- (7) The rest rooms or other suitable alternative accommodation shall be at a convenient distance from the establishment and shall have adequate supply of whole some drinking water.
- **16.Canteen Facilities:** (1) In every establishment of contract work and wherein work regarding the employment of contract labour is likely to continue for six months and wherein contact labour numbering one hundred or more are ordinarily employed, the adequate canteen facilities shall be the contractor for the use of such contract labour within sixty days of the commencement of the employment of contract labour.
- (2) If the contractor fails to provide the canteen facilities within the time limit laid down the same shall be provided by the principal employer within sixty days of the time allowed to the contractor.
- (3) The canteen shall be maintained by the contractor or principal employees as the case may be in an efficient manner.
- **17.** Accommodation in canteen: (1) The canteen shall consist of at least dining hall, kitchen, storeroom, pantry, and washing places separately for worker and for utensils.
- 2 (i) The canteen shall be sufficiently lighted at all times where any person has access to it.
- (ii) The floor shall be made of smooth and impervious materials and inside walls shall be lime-washed or color-washed at least once in each year, provided that the inside walls of the kitchen shall be lime-washed every four months.
- 3 (i) The premises of the canteen shall be maintained in clean and sanitary condition.
- (ii) Waste water shall be carried away in suitable covered drains and shall not be allowed to accumulate so as cause nuisance.
- (iii) Suitable arrangements shall be made for the collection and disposal of garbage.
- **18.** Accommodation in dining hall: (1) The dining hall shall accommodate at a time, at least 30% of the contract labour working at a time.
- (2) The floor area of the dining hall excluding the area occupied per dinner to be accommodated shall as prescribed in sub rule (1)
- (3) (i) A portion of the dining hall and service counter shall be partitioned and reserved for women workers, in proportion to their numbers. (ii) Washing places for women shall be separate and screened to secure privacy.
- (4) Sufficient table, stools, chairs or benches shall be available for the number of diners to be accommodated as prescribed in sub rule 1.
- **19. Equipment in canteen :** (I) There shall be provided and maintained sufficient utensils, crockery, cutlery, furniture and any other equipment necessary for the efficient running of the canteen.

- (ii) The furniture utensils and other equipment shall be maintained in a clean and hygienic condition.
- (2) (i) Suitable clean cloths for the employees serving in the canteen shall also be provided and maintained.
- (ii) A service counter, if provided, shall have a top of smooth and impervious materials.
- (iii) Suitable facilities including an adequate supply of hot water shall be provided for the cleaning of utensils and equipment.
- **20. Food stuff to be served :** The food stuff and other items to be served in the canteen shall be in conformity with the normal food habits of the contract labour.
- **21. Prices to be displayed:** The charges for food stuffs, beverages and any other item served in the canteen shall be based on "no profit, no loss" and shall be conspicuously displayed in the canteen.
- **22.** Canteen to be run on "No profit no loss" basis: In deriving the prices of food stuffs and other articles served in the canteen, the following items shall not be taken into consideration as expenditure, namely.
- (a) the rent for the land and building.
- (b) The depreciation and maintence charges for the building and equipment provided for in the canteen.
- (c) The cost of purchase, repairs and replacement of equipment including furniture, crockery, cultery and utensils.
- (d) The water charges and other charges incurred for lighting and ventilation.
- (e) The interest on the amount spent on the provisions and maintenance of furniture and equipment provided for in the canteen.

The local officers should check up whether, facilities as offered and which are admissible under the existing rules and orders are made available to the workers and enforce upon the contractors the necessity of adhering to the instructions for promotion of welfare of the workers according to the terms of the contract.

- **23.-BOOKS OF ACCOUNTS AND REGISTRES OF THE CANTEEN**: The books of accounts and registers and other documents used in connection with the running of the canteen shall be produced on demand to an inspector.
- **24.-AUDIT OF THE ACCOUNTS OF THE CANTEEN:** The accounts pertaining to the canteen shall be audited once every 12 months by registered accountants and auditors. Provided that the Labour Commissioner may approve of any other person to audit the accounts; if he is satisfied that it is not feasible to appoint a registered accountant and auditor in view of the site or the location of the canteen.
- **CLAUSE 58 :** Contractor shall have to arrange for the supply of gumboots. Hand gloves, mask etc. invariably to the laborers/workers engaged by the contractor on asphalt work.
- **CLAUSE 59:** The Contractor shall not show any distinction between Schedule Cast and other class of laborers / workers employed to carry out the The College work.

CLAUSE 60: Price variation clause: Deleted

CLAUSE 61: FENCING AND LIGHTING:

(a) The contractor shall, unless otherwise specified, be responsible for the proper fencing, lighting grading and taking of the necessary safety measures for all works comprised in the contract and

for the proper provision of temporary road, way, foot-way, guards, fences, caution notices, etc. as far as the same may be rendered necessary by reasons of the work for the accommodation of workmen, foot passengers or other traffic and of owners and occupiers of adjacent property and the public and shall remain responsible for any accident that may occur on account of his failure to take proper & timely precautions.

(b) All the arrangements made for fencing and lighting shall be maintained by the contractor through the currency of the contract till the physical taking over of the work by department.

CLAUSE 62: LIABILITY OF ACCIDENTS TO PERSONS:

Responsibilities and liabilities If the contractor under Workmen's Compensation Act are given in clause No.37 in addition following shall also apply:

- (a) On the occurrence of an accident, which result in death of workmen employed y the contractor or which is so serious as likely to result in death of any such workmen the contractor, shall within 24 hours of happening of such the College against all loss or damage sustained by the College resulting directly or indirectly from his failure to give intimation in the manner aforesaid including the penalties or fines, if any, payable by the College as a to the provisions of the said act in regard to such accident(s).
- (b) In the case of an accident, in respect of which compensation may become payable under Workmen's Compensation Act. whether by the contractor or by the College as principal Employer, it shall be lawful for the Principal to retain out of money due and payable to the Contractor, such sum or sum of money as may, in the opinion of the Principal, be sufficient to meet such a liability, The opinion of the Principal shall be final regard to all matters arising under this clause.

CLAUSE 63: ACCESS TO SITE AND WORK ON SITE:

The Engineer may, if he considers fit form to time, enter upon any land(s) which may be in possession of the contractor this contract for the purpose of executing any work not included in this contract by agents or by other contractors, at this opinion and the contractor shall, in accordance with the requirements of the Engineer, afford all reasonable facilities for execution of the work including occupation of lands by structure or otherwise for any other contractor employed by the College and his workmen for the workmen of the College who may be employed in the execution on or near the site of the work not included in the contract or of any contract in connection with or ancillary to the work and in default, the contractor shall be liable to the College for any delay or expenses incurred by reason of such default. Provided always that if damage arising. Make a statement of the same to the Principal who shall from time to time, assess the value in his judgment of such damage and goes the College shall from time to time pay to the contractor the amounts (if any) accepted as justified by the Principal:

CLAUSE 64: REPORTS REGARDING LABOUR:

The Contractor shall submit the following reports to the Principal:

- (i) A daily report in the suitable form of the strength of labour, both skilled and unskilled employed by him on the work(s). The contractor shall increase or decrease the strength both skilled or un skilled . if directed by the Principal. The submission of such reports shall not, however, relieve the contractor of his responsibilities and duties regarding progress or any other obligation under the contract
- (ii) A classified weekly return in the suitable form of the number of person employed on the works during the preceding week.
- (ii) A weekly medical report in the suitable form showing the health of the contractor's camp. The number of persons ill or incapacities and the nature of their illness.
- (iii) A report of any accident, which may have occurred, to be sent within 24 hours of the occurrence.
- (iv) Such other report as may be prescribed.

CLAUSE 65: Treasure Trove:

In the event of discovery by the contractor or his employees, during the progress of work of any gold, silver, oil or other minerals of any description and precious stones, treasures, coils, antiquates, relic, fossils or other articles or value of interest whether geological, archaeological or any other such treasure & other things hall be deemed to be the absolute property of the College and the contractor shall duly preserve the same to the satisfaction of the Principal, and relieve the same to such persons as the Principal may appoint.

The contract shall take all reasonable precautions to prevent his workmen other person from removing or damaging any such articles or things, immediately after the discovery thereof and before removal acquaint the Principal with discovery and carry out his orders for the disposal of the same.

CLAUSE 66: Indemnity:

The contractor shall indemnify the The College against all actions, suits, claims & demands through or made against the Department in respect of work of this contractor against any loss damage to Department in consequence of any action or suit being brought against the contractor for anything done or omitted to be done in execution of the work of this contract.

CLAUSE 67: Insurance of Labour:

The contractor shall be responsible to arrange for insurance of all labour, skilled and unskilled workers, supervisors etc. employed by him as per labour regulation of the State.

CLAUSE 68: Setting Out:

The contractor shall be responsible for the true and proper setting out of the works and the correctness of positions, levels, dimensions and alignments of all parts of the work and for the provisions of all necessary instruments, appliance and labour in connection therewith . if , at any time during the progress of the work, any errors, appear or arise in the position , levels, dimensions or alignments of any part of the work, the contractor, on being required to rectify such errors by the College shall at his own expense do so to the satisfaction or the Principal. if however, such error is based on incorrect data supplied in writing by the Principal , the expenses of rectifying the same shall be borne by the College. The checking of and setting out of any line or level by the Principal or his representative shall not in any way, relive the contractor of his responsibilities for the correctness of the error. The contractor shall carefully protect and observe all bench-mark, site-nails, page and other things used in setting out of the work(s).

CLAUSE 69: Cement Register:

A register in the prescribed form showing day-to-day receipt, consumption and balance of cement on site of work will be maintained by the Department, which shall invariably be signed daily by the contractor or his authorised representative in token of its correctness.

CLAUSE 70: Materials and Works Test Register:

A register in the prescribed from showing day-to-day receipt, consumption and balance of cement on site of work by the Department and every entry thereof shall invariably be signed by the Contractor or his authorized representative in taken of its correctness.

CLAUSE 71: Progress Schedule:

- (a) The contractor shall furnish within one month (unless extended by the Principal) of the order to start the work, the progress schedule in quadruplicate indicating the date or staring. The monthly progress expected to be achieved and the anticipated completion date of each major item of work to be done by him, also indicating dates of, procurement and setting up the materials, plants and machinery. The schedule should include a statement of proposed general and detailed arrangements for caring out works, and of item, order and manner in such it is proposed general and detailed arrangements for caring out works, and of item, order and manner in which it is proposed that these shall be executed. The practice to the achievement towards completion of the work in the time limit and of the particular items on the dates specified in the contract and shall have the approval of the Principal. Further the dates for the progress, as in this schedule shall be adhered to.
- (a) in case it is found necessary, at any stage to alter the schedule, the contractor shall submit in reasonable time a revised schedule incorporating necessary modification proposed and get the same approved from the Principal. No revised schedule shall be operative without such acceptance in writing. The Principal is further empowered to ask for more detailed schedule or schedule, any by week, for any item or items and the contractor shall supply the same as and when asked for.
- (b) The Principal shall have, at all times, the right, without in any way vitiating this contract forming grounds for any claim, to after the order of the work of any part there of and the contractor shall after receiving such direction, proceed in the order directed. The contractor shall also revise the progress schedules accordingly and submit four copies of the revised schedule to the Principal within seven days of the said Engineer's direction to alter the order of works.
- (c) The contractor shall furnish sufficient plant, equipment and labour and shall work such hours and shifts as may be necessary to maintain the progress of the work as per approved progress-schedule, The working and shift shall company with all the College regulations in force and shall be such, as may be approved by the Engineer and the same not be varied without the prior approval of Principal.
- (d) The contractor shall from time to time, as may be required by the Principal, furnish the Principal with a statement in writing of the arrangements he proposes to adopt for the execution of this contract and the Principal may, if he considers necessary at any time advise alternation in the same, which the contractor shall adopt on notice thereof.
- (e) The progress-schedule(s) shall be in the form of progress chart, forms, statements and/ or reports as may be approved by the Principal.
 The contractor shall submit four copies showing the progress of the work in the form of a chart etc. at periodical intervals as may be specified by Principal.
- (f) The approval of the progress schedules by the Principal shall not relieve the contractor of schedule required by the Principal shall not entitle the contractor to any extra payment.

CLUASE 72: Secured Advance To Contractor: DELETED

CLAUSE 73: Advance Payment : DELETED

CLAUSE 74 - DELETED

CLAUSE 75 - Applicability of Road and Building Department Procedures etc.:

This contract shall follow, unless otherwise specifically provided in this contract, the rules, regulations, procedures, notifications, circulars etc. applicable in general for works carried out by Road and Building Department of Porbandar District, Government of Gujarat. In case of any disputes or matters where specific clarity does not exist in this contract, the circulars and notifications applicable to R & B shall mutatis mutandis apply to this contract.

CLAUSE 76:

Before starting the work, the contractor will have to obtain the license from the District Assistant Labour Commissioner under the Contract Labour (Regulation and Abolition) Act. 1970 and contract Labour (regulation and Abolition) Gujarat Rules 1972 after paying necessary fees and deposit on the basis of the number of labour to be employed on the work and will have to supply two true copies of the said license to the Deputy Principal before the work is started.

CLAUSE 77: One percent of estimated cost put to tender for this work after deducting the cost of materials as per Schedule 'A' valued at basic rate in the sanctioned estimate shall be deducted from the running account bills of the contractor for testing the quality of materials and workmanship, no additional testing charges in addition to the above shall be recovered from the contractor The Engineer in charge will get the cement and steel tested in laboratories of G.E.R.I. Engineering Colleges, Polytechnics, Engineers India Ltd, D.G.T.D. and other laboratories approved by R & B or Water Resources Department or Industries Department and the test results of these Laboratories will be binding to the Contractor about suitable of use of materials (G.R. No R & B TNC /1088 /IB / 220 / 18 - C Dated 31-3-05)

However in respect of works involving use of asphalt, the contractor will set up the site testing Laboratory and will provide testing instruments etc. as under:

Laboratory: The contractor will construct pucca structure of minimum 25 square meter area duly connected with water and electric supply to house site testing Laboratory. Contrctor must have core cutting machine for measuring crust thickness own by him.

Instruments: The contractor will provide and install the instruments as per following. I.S. Standard to carry out the test prescribed therein.

1. Penetration test as per I.S. 1203

2. Softening point test as per I.S. 1204

3. Ductility test as per I.S. 1208

- 4. Viscocity test as per I.S.1206
- 1. Specification gravity test as per I.S.1202

The instruments provided should be as per I.S. Standard, so certified and be regularly and periodically (R. & B. D. G.R. No. SSR-1099-IB/91(9)-c dated 26-7-1999)

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IJX[DFDF] GDMF H/; '51tT VG[5F6L 5]ZJ9F IJEFU CP/ SMg8ES8; MJFZF SFDDF], FJJFDF] VFJTF], MBO VG[I; D\g8GL U\bJtTF VU[V\gHLGLI; \mathbf{\text{!}}. \g0LIF , LP TYF 0LPHLP8LP0LP H\pL :JT\+ T\pH ; 1FD ; \text{\text{YFGL}}; \psi_F , . \ VFJF TH7M DFZOT U\bJtHF RSF; 6L SZFJJFDF] VFJXP \$ GPHP VG[5FP5P | IJEFUGM TFPZ#\circ) \cdot Z _Z GM 9ZFJ S\pFS V\; P8LP\\, P \q ! _) \\$ \q 5 (\q EFU \q Z \q C \frac{\text{C}}{\text{T}} \text{\text{T}} \text{\text{T}} \text{\text{\$\text{

B0 **PZ ov VF SFD DF8[. HFZNFZ wJFZF JF5ZJFDF\VFJTL I; Dfg8GL BF, L Y], LVM IJ EFUG[Z5 Y], LGF A0, DF\0] VNO SM:8 5ZT VF5JFGL ZCXP JF5Z[, L Y], LVMGF 5 8SF J[:8]H U6L AFSL) 5 8SF Y], LVM IOIJ hGGF Df0I DYSGF 5LP0A<I POLP:8MZDF\5CMRF0JFGL ZCXP S DFPDPIJPGM TFPZv! vZ___\$ GM 5ZL5+ 5ZR q ! Z_# q #) Z(q G f

Clause 78:

As per prevelant laws of Goods & Service Tax or any other law relating to goods, services, income etc. what so ever, if any amount is deductible from payment to be made to contractor, the same shall be deducted from payment.

Note: As per Government of Gujarat Road and Building Department Gandhinagar Resolution No. TNC-1088-D-347(7(-C Dated 11/07/2017, Monitary limit of B-1 Tender Extended from 50.00 Lacs to 12.00 Crores for Road Work, and 10.00 Crore for Bridge and Building work Tender.

Annexure: The information in the following annexure specimens should be furnished on separate letter pad if necessary.



ANNEXURE - 1

(Referred to in Condition No.-2 General Rules and Direction for the guidance of Contractors.)

To

The Principal

PLACE:

Dr. V. R. Godhaniya College of Arts, Commerce,

Home Science and IT for Girls, Porbandar

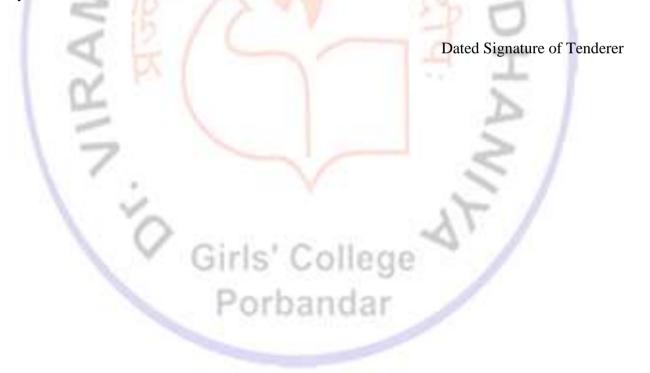
DATE:

Details regarding my our partners our Company (in the case of limited Company) Names,

address(es), telephone numbers(s) income tax etc. are as under:

Sr. no.	Name(s) of Person/Part ner Director of the company	Full address of the place of business (with pin code)	Telephone No.(s) (office)	Residentia l address(es) (Resi)	Telephone No.(s)	Full address of income tax office ward where income tax return is filed
1	2	3	4	5	6	7
	13	A COL	ZIIT	99	0	

I/We hereby agree to intimate to you about change if any, in the above-mentioned address(es) and telephone No. (s) within Fifteen days of its occurrence till may/our deposit, for the said work paid by me/us is not returned to me/us.



ANNEXURE-2

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	1 3	Z <mark>[TL</mark> 5F%TL :YFG	, LO SLDL	
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(10	5M, L; SN8F:8MG HF <mark>OF.</mark> DLDLP UkJGF. h 45F. 5	RMDL	~FP
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i b		DXLG S:04 D8,		WPDLP		
ZP		S5RL		WPDLP		

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V\$ZFZ 5+

p5ZMST 51Z1XQ8MDF\VF5[, 8 \S 0ZDF\EZ[, EFJMGL RSF; 6L V'U[CM. T[BFTFG[AWGSTF"ZC|X[GCLP T]DH T|GF\NXF"][, BF6 DYS|YL :5L; LOLS|XG D]HAGM DF, ; FDFG GCL D/[TM T[:5LXLOLS|XG 5|DF6|GFM DF, ; FDFG BFT] DFg1 SZ[T[Vg1 Hu1FV|YL, FJL VF5LX]H|DF8|SM. J/TZGMS, [. D D|SJFDF VFJX|GICP

ANNEXURE - 3 Deleted

ANNEXURE - 4 LIST OF WORKS ALREADY COMPLETED BY THE TENDERER

Sr.No . SIDFIS	Name of work SFDG)\GFD	Place :Y/	Cost on completion 5/ZF YI [, SFDGL IS/DT	Time taken in months To complete the work SFD 5 Z SZJF DF8 , LW , ; DI DF; DF\	IJX(DF GINW
1	2(a)	2(b)	3	4	5

Note: Necessary certificate from office concerned shall be attached with the tender



- 42 - **ANNEXURE - 5**

LIST OF PLANT AND MACHINERY IN GOOD WORKING ORDER AVAILABLE WITH TENDERER

Sr. No SIDF\ S	Plant or Machinery ∨MHFZM ∨YJF \+M	Location :Y/	Age of Machinery DXLGZL SB, F JOF¶ HIGL KP	Make AGFJ8	Capacity 1FDTF	Approxi mate Value VNFHL ISDT	Remark IJXQF GMW
1	2(a)	2(b)	3	4	5	6	7
		-	AJ	AR	1.		

ANNEXURE - 6

DECLARATION REGARDIG WORKS ON HAND WITH TENDERER

Sr.	Name of work	Place	Estimate	Date of	Stipulat	Amount	Brief	Remark
No.	SFDG)\GFD	:Y/	d Cost	issue of	ed	of work	details	IJX[QF
SIDFIS	170	_	VWFHL	work	period	done on	of delay	GMW
	Render 152		ISDT	order	of	date of	if any	
	110	_//		SFD X~	completi	filling	-L, HM	
	<1 -	/ \		SZJFGF	on	tender	YI[, CMI	
		1	_	C]SDGL	SFD 5]Z]	8g0Z	TM T[GF	
	CV.			TFZLB	SZJFGL	EIM	8)(SDF)	
	tradeot .	1			IGI T	TFZLB	SFZ6M	
	and the same of th				D <mark>NT</mark>	plant		
						100		
1	2(a)	2(b)	3	4	5	6	7	8
- 1			_	1		-		
	100					-	. //	
	1 7				5			

Note 1: Amount of work in column 6 should be given up to the month previous to the month in which tenders are invited.

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Note 2: Necessary certificate from the officer concerned shall be attached with the tender.

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- 43 -**SCHEDULE - A** VG|: ||RVS

Schedule showing (approximately) the materials to be supplied from the Public works store for work contracted to executed and the rates at which they are to be charged for

Particulars	Approximate quantity VNFHL HyYM	charged to the SMg8FS8Z 5F; [YL DF	Rate at which the materials will be charged to the contractor SMg8FS8Z 5F; [YL DF, ; FDFG DF8[, [JFGM YTM NZ	
ļ	Z	# \$		5
	Nil	Unit VSD	Rate in Rupees EFJ ~151 FDF\	

GIMVZ OV; LD\baselon ; LD\baselon V HIFZ\baselon ; LD\baselon SFDDF\ JF5ZJF , FJJFDF\ VFJ\baselon VFJ\baselon ; LD\baselon 8 . HFZNFZ VF. PV\baselon P5DF65+JF/F TYF D\baselon pt5FNS S\baselon GLDFYL; LWL ZLT\baselon ZC\baselon VG\baselon VG\baselon VG\baselon VG\baselon VG\baselon VG\baselon VFJ\baselon V

GMW 0V# 0V , MBO 0V HIFZ[, MBO . HFZNFZ WJFZF , FJJFDF\VFJ[tIFZ[T[VUG] AL, V; , DF\SFP. PG[ZH] SZJFG]\
ZCKPVG[VFJF:8L, G]\UZL , [AMZBZL S[. HGZL SM, H S[5M, L8LSGLSDF\8[:8LU SZF] IF AFN H:8L, SFDDF\JF5ZJF N[JFDF\
VFJXP

GIMV \$ 0V OFDZ 0V HIFZ[SFDDFN JF5ZJF OFDZ . HFZNFZ WJFZF , FJJFGM CMI tIFZ[T[OFDZ . HFZNFZ[VM. , ZLOF. GZLDFWL 5{ F EZL tIFYL H ; LWM BZLNJFGM ZCXPVF VU[. HFZNFZ[5]ZL SZJFGL XZTM GLR[D]HA ZCXP s! f . HFZNFZ OFDZ SIFYL , FJIF T[VUG]NAL, V; , DFNSFP. P G[ZH] SZJFGN ZCXP sZF ZLOF. GZLGF UB5F; 56 AL, ; FY[; FD], SZJFGF ZCXP s#f OFDZ H[8 $^{\circ}$ SZDFN , FJJFDFN VFJ[T] 8 $^{\circ}$ SZGM JFCG GYAZ ATFJJFGM ZCXP s\$f OFDZ p5Z . HFZNFZZLG[VDJFg; 5D $^{\circ}$ 8 VYJF; LSIMO $^{\circ}$ VDJFg; D/L XSX[GCLP s5f . HFZNFZ[ZH]SZ], V; , AL, DFNOFDZGM UD s SJM, L8L VU[f p<, [B CMJM HM. VP VF VU[. HFZNFZ[OFDZGF UD VUG]N8[:8 ZLh<8 q UD VUG]N5DF65+ ZH] SZJFGN ZCXP s&f . HFZNFZ[OFDZGL VFJS qJ5ZFX q ART VUG]N ZHL:8Z %, Fg8 q ; F. 8 p5Z IGEFJJFGN ZCXP s DFPDPIJP5IZ5+ SDFS V[P8LPVFZ q! _) * q (Z q C TFPZ*v!!v) * VG[Z!v!!v) (f

Note 5: The person or firm submitting the tender should see that the rates in the above schedule are filled up by the Principal the issue of the form prior to the submission of the tender.

GMW 5 0 8g0Z ZH] SZGFZ JI IST S[5[-LV[8g0Z ZH] SZTF\ 5C[, F\ T[G] VF5JFDF\ VFJTF\ 0MD\PF\ CJF, FGF . HG[Z[p5ZGL VG];]IRDF\ NZ EZL VF\ IF CMI T[GL BFTZL , [JL

Notes 6: Store to be supplied to contractors for a work free of cost should be mentioned in Schedule 'A' in addition to schedule 'B' and the specification attached to the contract agreement form.

GMW & 0 SM. SFD DF8[S8FS8ZG[IJGF D]; I [5]ZM 5F0JFGM DF, ; FDFG \vee G]; RL B TDH S8F\$8ZGF SZFZ ; FY[HMO], L IJUTMGL I FNL p5ZFT \vee G]; RL S DF\H6FJJP

- 44 -SCHEDULE 'B'

Memorandum showing items works to be carried out:

CFY WZJFGF SFDGL AFATM NXFUTL I FNL

items No. AFAT GAZ	Quantities estimated out or less VNFH[, HyYM H[VMKM JtTM Y. XS[item of work SFDGL AFAT	Tendered Rates 8g0ZDF\ NXF¶[, NZ	Unit ∨ßD	Total amount according to estimated quantities VNFHL HyYF VG]; FZ S], ZSD
1	2	3	4	5	6
		As per Separate sheet attached			

Above of my / our tend	der works out as under.	1 20%	
Estimated amount		Estimated amount	C3 1
Put to tender	Rs	Put to tender	Rs
Deduct% below	Rs	Add% above	Rs
Net		Total	
In Words		In Words	
(Please strike out whic	hever is not applicable)		

bellow percent (should be written in figures and words) of the estimated rates mentioned above.

- Notes 1 All work shall be carried out as per Public Works Department Handbook and other specifications of Division or as directed.
- Notes 2 All the columns is Schedule should be filled in ink and the total of the entries in the last column should be struck by the contractor under his signature.
- Notes 3 Rates quoted include clearance of site (prior commencement of work and at its close) in all respects and hold good for work under all conditions, site, moisture, weather etc.

Note 4 - To be continued on additional sheets, if found necessary.

Signature of the Contractor

Principal

Dr. V. R. Godhaniya College of Arts, Commerce, Home Science and IT for Girls, Porbandar

Time Schedule, for completion of different designated parts of the work and rate of liquidated to be paid by the Contractor, if he fails to complete the part of work within stipulated time limit is as detailed below:

Time Schedule of Completion

Percentage of time	Percentage of work	Rate of liquidated
refeelinge of time	_	Rate of fiquidated
Of the total time limit	damages	per day
Of the total time mint	2	3
	2	3
Earth work	a 1 M. a.	0.4.1.
25 %	16 %	0.1 %
50 %	50 %	0.1%
75 %	75 %	0.1 %
100 %	100 %	0.1 %
100	51 -12	
Building work	4. 1.4.7	
25 %	10 %	0.1 %
50 %	40 %	0.1%
75 %	80 %	0.1 %
100 %	100 %	0.1 %
100 /0	100 /0	0.1 /0
Road work	7 4 8 74	1
25 %	25 %	0.1 %
50 %	50 %	0.1%
75 %	75 %	0.1 %
100 %	100 %	0.1 %
100 /0	100 /0	0.1 /0
Bridge work		palarete
25 %	10%	0.1 %
50 %	4 0 %	0.1%
75 %	80 %	0.1 %
100 %	100 %	0.1 %
100 /0	100 /0	0.1 /0

Girls' College

Porbandar

Signature of the Contractor

Principal

Dr. V. R. Godhaniya College of Arts, Commerce, Home Science and IT for Girls, Porbandar Modification in Detect Liability Clause 17 A of Tenders for Building works

The government of Gujarat Roads & Buildings Department Circular No PRCH- 102013-1036/2759/N Sachivalaya, Gandhinagar Date:-27-05-2013

Ref :- Circular No PRCH -102008-(2076) - N Dt. 3-12-2009

R&B Department had issued a circular as referred above where in following provision has been made for building works.

The Defects Liability period shall be as under for original building works.

Three years of elapse of three monsoon periods following date of possession of building taken over by user agency of four years of elapse of four monsoon periods following the certified date of completion, whichever is earlier.

After due considerations on the representations received at various levels from the Gujarat contractor Associations the above clause is now modified as under.

The defects Liability period shall be as under for original building works:

orbandar

"One year or elapse of one monsoon period from the certified date of completion whichever is greater"

The other conditions in the above said circular will remain as it is.

(R.K.Chauhan)

Officer on Special Duty (S.P)

Road & Buildings Department

8h0ZDF\EZI, V; FDFqI pRF EFJFGF 5Z 50TF BR"5Z IGI \+6 ZFBJF TYF SFDGL GF6FSLI 5JUIT : FYI : DI/DF\ZCITIDF8IH~ZL

HFUJF. SZJF AFAT

UHZFT ; ZSFZ DFU"VGIDSFG IJEFU 51Z5+ SDFS 5ZRV! _Z__(vs&! fv; L TFP #v 5vZ !#

JRF6[, LWF $5ZL5 + SDFS 5ZRV! _Z_(v s&! fv; L <math>TFPZ*v! ! vZ_($ VFDIB ov

8h0Z DF\. HFZNFZzLVF[åFZF EZFTF 1mbalancer EFJF[JF/F 8h0ZGF IS:; FVFDF\. HFZNFZzLVF[åFZF pRF EFJGL VF. 8DFGL SFDULZL SIF" AFN GLRF EFJGL VF. 8DFGL SFDULZL G SZJFDF\VFJ TUL 5IZI:yTL 5Z IGN +6 ZFBJF DF8I TFPZ*v!!vZ__(GF[5ZL5+ H~ZL HF[UJF.; FY]ACFZ 5F0JFDF\VFJ[, P VF 5IZ5+ VU[1JIJW:TZF[V]YI], ZFH[VFTF[G] WIFGI, ITF VGITGF 5Z 5bT IJRFZ6FGF VTT VF 5IZ5+GF ALHF OSZFGL KK, L, L8L & VF ZLTIJLYCKO ZFBI, ZSD SFD ; TIFINESFZS ZLT[56"YI]OF. G, AL, DHZ SZTL JBT[]IFHEFZ6 JUZ KBL SZJFDF\VFJXkx TGL HuIFV[GLR[DHAGF]; WFZF] SZJFDF\VFJ[KP

; WFZFPo∨

α VF ZLT[JLYCkO ZFB], ZSD V; FWFZ6 GLRF EFJ EZ], CFJ TJL VF. 8DGL GF6FSLI 5UTGF 5DF6; Z ZGLU AL, DFYL KBL SZJFGL ZCXPH IS:; FDF\V; FWFZ6 GLRF EFJ EZ|, SF|. 56 VF. 8D G CF|| TUF IS:; FDF\V; FWFZ6 EFJF| EZ|, VF. 8DGL; FDJJLYCKO ZFBL, ZSD AFSL ZCITL SFDULZL YFL TGF 5DF6; Z ZGLU AL, DFYL KBL SZJFGL ZCKIX

JWDFJJRF6[, LW, 51Z5+GFpNFZ6DF\NXFJ|, SDFS v (ZN SZJFDF\VFJ|KP

p5Zf\$T; WFZFGF[VD, VF 5IZ5+GL TFZLB 5KL DHZ YTF 0LP8LP5LPDF\VR\$ 56[SZJFGF[ZCXP

s VFZPSPRFCF6f

BF: OZH VIWSFZL SIJPI FF DFU"VG[DSFG IJEFU

- 48 -

8\text{foz ofD"AL\Z GF SF\text{8FS8ZF\text{GL}} DFUNXG DF8\text{5}; FDF\text{gl IGI DF\text{1} VG\text{1}; RGF\text{GF}; RG GR! (DF\text{1} : 5\text{08TF SZJF AFAT

UJHZFT; ZSFZ DFU"VG[DSFG IJEFU SIDFS ov 8LV[G; Lv! _vZ_! # vsZ_f v; L TFP! _v_5vZ_! #

; NE"0vDFPDPIJEFUGF 9ZFJ \$|8LV[G; Lv! _)_vsVF. ALvZZf vs! _fv; L TFPZ\$v_5v!))_

VFDIB ov

CJ[pWf|U VG[BF6 IJEFUGF 9ZFJ GPV]; $5LVF[V] Z_5V! $_* V; LVR TFPZZq! ! qZ_8 GF; NE[SFDFGF 8 goz online dfujfdf|VfJ[KPVG[p5ZGF; RG GP! (Df\ \alpha 8 goz 5z 1: JSFZJFGL;]RT TFZLBYL)_q! Z_ INJ; ; JML VFDZ Bk, L ZCKP\\alpha TUL HFUJF. GF SFZ6[8 goz GLJ], LOL8LDF\IJ; UTTF pEL YJF AFATGL UJHZFT SFg8FS8Z V[; FXLV]; GGL IJIJW: TZ[ZH]VFTF[D/], KPVF ZH]VFTF[5z 5\textbf{T}] RFZ6FG[VT[VF AFAT[GLR]D]HAGL: 508TF SZJFDF\VFJ[KP]$

:508TF Pov

Online Tender System DF\; LU, SJZ; L:8D JF/F 8\text{80ZFDF 8\text{10}Z J[, LOL8LGF[; D1 8\text{10}Z VFG, F. G BF\text{81 F TFZLBYL H1 FZ[} 8\text{3SJZ ALO; L:8DF\8\text{10}Z J[, LOL8LGF[; D1 8\text{5GLS}, ALO BF\text{8LF TFZLBYL U6JFGF[ZC\text{XP}\text{C}]}

s VFZPSPRFCF6f

BF; OZH VIWSFZL SIJPI FF DFU"VG[DSFG IJEFU

- 49 -5ZOFD'g; AFgO TYF HFDLG VGFDT 5\(\beta\)[A\(\beta\) UZ'\(\beta\)L DI/JJF AFATP

U]HZFT; ZSFZ
DFU"VG[DSFG IJEFU
S|DFS ov 8LV|G; Lv! _vZ_! # vsEFUv! fv;
; IRJF, I UFMIGUZ
TFP!) v!! vZ_! #

J'RF6[, LWF[51Z5+ S|DF\$ 8LV|G; Lv!_)!qVF. ALqs!_fs!!fq; TFP#!v#v!)))
VFD|B ov

JRF6[, LW], 5ZL5+ D]HA CF, DFN I 5 , FB S[TML JW] ZSDGL SFDFDFN. HFZNFZ ZL 5F; ML 5ZOFD\(\frac{1}{2}\); AF\(\frac{1}{2}\)0 , UFGL HF\(\frac{1}{2}\)JF. K[5ZVT] CJ[DF\(\frac{1}{2}\)F EFUGF SFDF[I 5 , FB YL JW] ZSDGF CF[I K[VG[RF,] DZFDTGF SFDF[56 CJ[I 5 , FB YL JW] ZSDGF CF[I K[VF] AF\(\frac{1}{2}\)FT AF\(\frac{1}{2}\)TF BYL JW] ZSDGF CF[I K[VG] RF,] DZFDTGF SFDF[56 CJ[I 5 , FB YL JW] ZSDGF CF[I K[VF] AF\(\frac{1}{2}\)TF AF\(\frac{1}{2}\)TF BYL JW] ZSDGF CF[I K[VG] RF,] DZFDTGF SFDF[56 CJ[I 5 , FB YL JW] ZSDGF CF[I K[VG] RF,] DZFDTGF SFDF[56 CJ[I 5 , FB YL JW] ZSDGF CF[I K[VG] RF,] DZFDTGF SFDF[56 CJ[I 5 , FB YL JW] ZSDGF CF[I K[VG] RF,] DZFDTGF SFDF[56 CJ[I 5 , FB YL JW] ZSDGF CF[I K[VG] RF,] DZFDTGF SFDF[56 CJ[I 5 , FB YL JW] ZSDGF CF[I K[VG] RF,] DZFDTGF SFDF[56 CJ[I 5 , FB YL JW] ZSDGF CF[I K[VG] RF,] DZFDTGF SFDF[56 CJ[I 5 , FB YL JW] ZSDGF CF[I K[VG] RF,] DZFDTGF SFDF[56 CJ[I 5 , FB YL JW] ZSDGF CF[I K[VG] RF,] DZFDTGF SFDF[56 CJ[I 5 , FB YL JW] ZSDGF CF[I K[VG] RF,] DZFDTGF SFDF[56 CJ[I 5 , FB YL JW] ZSDGF CF[I K[VG] RF,] DZFDTGF SFDF[56 CJ[I 5 , FB YL JW] ZSDGF CF[I K[VG] RF,] DZFDTGF SFDF[56 CJ[I 5 , FB YL JW] ZSDGF CF[I K[VG] RF,] DZFDTGF SFDF[56 CJ[I 5 , FB YL JW] ZSDGF CF[I K[VG] RF,] DZFDTGF SFDF[56 CJ[I 5 , FB YL JW] ZSDGF CF[I K[VG] RF,] DZFDTGF SFDF[56 CJ[I 5 , FB YL JW] ZSDGF CF[I K[VG] RF,] DZFDTGF SFDF[56 CJ[I 5 , FB YL JW] ZSDGF CF[I K[VG] RF,] DZFDTGF SFDF[56 CJ[I 5 , FB YL JW] ZSDGF CF[I K[VG] RF,] DZFDTGF ZSDGF CF[I K[VG] RF,] DZFDTGF ZSDGF CF[I K[VG] RF,] DZFDTGF ZSDGF ZSDGF CF[I K[VG] RF,] DZFDTGF ZSDGF ZSDGF CF[I K[VG] RF,] DZFDTGF ZSDGF
51Z5+ POV

5pt ijrfz6fg[vt[gsslyi], kpcj[~fp! 5 , fb s[thlym]zsdg[an, [~fp#_ , fb s[thlym]zsd gf ; zsfzl sfdfdf\]. Hfznfzzl 5f; kl 5z0fdtj; Afto , lifer zckt

VF 5IZ5+ IJEF<mark>UGL; ZBF S</mark>DFSGL OF. , 5ZGL GFW 5Z GF6FIJEFUGL TFPZZV) V! # GF ZFHYL D/[; DTLYL ACFZ 5F0JFDFNVFJ[KP

UHZFT GF ZFH<mark>I 5F,</mark> zlgf CBDYL VG[TDGF GFD]

s VFZPSPRFCF6f BF; OZH VIWSFZL SIJPI FF DFU"VG[DSFG IJEFU

AFWSFDGF SF[38FS8Z 5F; YL; LST]ZL8L OL5F[bl8 I:JSFZJFGL 5MFDF\VXT OZOFZ SZJF AFATP

U]HZFT; ZSFZ DFU"VG[DSFG IJEFU

9ZFJ SDFS 8LVG; Lv! _vZ_! # v# sEFUvZfv; L

; IRJF, I UFWLGUZ TFPZ v!!vZ!#

JRF6[, LWF[9ZFJ S|DFS 8LV[G; LV! _((qVF. ALq! (qs! #fq; TFP#! v#v!))\$ VFDIB qv

9ZFJ Pov

5)DT IJRFZ6FG[VT[; ZSFZL SFDFGF SFfj8FS8Z DF8[; LSTFZL8L OL5F]hL8 1:JSFZJFGL CF, GL 5|YFDF GLR[D]HA GF[0]Z0FZ SZJFDF\VFJ[K]

! P CF, DR/5|YD TASS[, $\protect\]$ ZP5@; LS1 [ZL8LGL ZSD H[GDNF AF\poq VGPV\; PV\; :J~5F\] , \protect\] HF\pujf. K[T]CJ\[GDNF AF\poq\CPV\; PV\; T\pu XL01\rangle 0 A\protect\] XL01\rangle 0 A\protect\] GDNF AF\poq\CPV\; PV\; T\pu XL01\rangle 0 A\protect\]

ZP ZGLU AL, DRYL S5FT YTL ZP5@; LSTZL8L OL5FhL8GL ZSD. HFZNFZzL åFZF XLOTKO AKGL AK UZBL ZHJ STYL GLR(H6FTF DHA ZL, Lh SZJFGL ZCXP

SD	GF6FSLI 5UIT	ZGLU AL, DFYL ZP5 <mark>@ , B[; L</mark> ST]ZL8L OL5F hL8 5 8 <mark> SF5J</mark> FDF\VFJ[AS UZBL GL ZSD	
	and the same	ZSD DFYL KBL SZJF 5F+ ZSD	-4	
!	8bozgl zsc	F ZGLU AL, DFYL SF5JFDF\ VFJ[, ZSD VYJF SFDGL VNFHLT	ZL, LhSZJFDF\ VFJ[,	
	Z5@	ISDTGF _P&Z5@ ADFYL H[VFKL ZSD CF[LT[ZSD HB, L	
Z	8b0ZGL ZSD	F ZGLU AL, DFYL SF5JFDF VFJ, ZSD VYJF SFDGL VNFHLT	ZL, LhSZJFDF\ VFJ[,	
	5_@	ISDTGF! PZ5 @ ADFYL H <mark>[VF KL ZSD CF T[</mark>	ZSD HB, L	
#		f ZG <mark>LU</mark> AL, DFYL SF5JFDF <mark>\ V</mark> FJ[, ZSD VYJ <mark>F</mark> SFDGL VNFHLT	ZL, LhSZJFDF\ VFJ[,	
	*5@	ISDTGF ! P((@ADFYLH[VFKLZSDCF[IT[ZSD H8, L	

p5Zf\$T A\\$ U\ZBLGL D\NT \SFD 5\&"\YJFGL BZ\BZ TFZLBYL K s&f \DF; \JW\; DI GL , \UFGL ZC\X\TYF . HFNFZ\ZL 5F; \ML AFC\WZL5 + D\ZJJFGF\ZC\X\PS\HF\SFD 5\&"\SZJFGL; DI DI FNFDF\JWFZF\YX\TF\JWFZ\, ; DI DI FNFGL TFZLB & DF; \JW\; DI DI FNF JF/L A\\$ U\ZBL T\VF\ZL \BFZF 5\ZL 5\F0JFDF\VFJX\P

SFD 5/6"YF1 t1-f\; WL . HFZNFZzL 5F; ML , UFGL YTL ! _@ ; LS1 FZL8L 0L5F/hL8 G\, 5/DF6 SF[56 : J~5[H/JF. ZC]T/GL VR\\$ SF/HL ZFBJFGL ZC\N\}

UHZFT GF ZFH1 5F, ZLGF CBDYL VG[TDGF GFDP

s VFZPSPRFCF6f BF; OZH VIWSFZL SIJPI FF DFU"VG[DSFG IJEFU SIDFS 0 5ZRV&! \$v:8FZ Z[. 8v0l8L5lv#)*! vG4

UJHZFT; ZSFZ
DFU¶VG[DSFG IJEFU4
a, MS GR! \$qZ4; ZNFZEJG4
; IRJF, I4UFWLGUZ
TFPZ)∨_*∨Z__\$

5||T4 VIW1FS . HGZzls; J||f4 ZFH1 | JEFU4

IJOFI OV 860ZDA: 8FZ ZI, 8 TYF OLP8LP5LP D'HIZLGF DF: VGIJOFNXFJUJF AFATP

; $NE pv 9ZFJ SDFS 8LVG; Lv!_()q$v; L4 TFP#!v_(v!))!P$

H[860ZDF]; LD68q:8L, . HFZNFZ[BZLNJFGM CMI VG[T[VMG] VF DF, ; FDFGGF EFJM TYF 860ZDF] NXF9[, :8FZ Z[86F EFJMGM TOFJT ; ZEZ SZL VF5JFGM CMI T10F 860ZDF] VF DF, ; FDFGGF :8FZ Z[86F HMJJF. GLR[10F DFA SZJFGL 10F S10F A DF1HMJJF. KP

- ! P H[DF; TYFJQF<mark>QF\</mark>0LP8LP5LPDHZYIFCMIT[DF; ∨G[JQFqSNZF8b0Z.:I]SZTLJBT[TQF\NXFQJFGFZCXP
- #P :8L, TYF VRPJFIPV; PO<mark>L</mark>PAFZ DF8[; [. , S15GL DFYL H[DF; DF\OLP8LP5LPD'H]Z YI]\CM T[DF; GM EFJ D[/JL SNZF 8h0Z . :1]SZTL JBT[TDF\NXF**Y**JFGMZCKP
- Zqv V[J]H6F1 K[S[VF HMJJF. GMR]:T 56[VD, YTMGYL VG[:8FZ Z[:8DF\]]JJW JJEFUMWJFZF V[S;]+TF H/JFTL GYIP
- $\$ VF; RGFVNGMR]: T56[VD, SZJFJGTL K[VG[VFVUGLR\$GLUELZ GNW, \$\\$UFDF\VFJX[TGLGNW, \$\\$UFJGTL K[VG[VFVUGLR\$GLUELZ GNW, \$\\$UFDF\VFJX[TGLGNW, \$\\$UFJGTL K[VG[VFVUGLR\$GLUELZ GNW, \$\\$UFDF\VFJX[TGLGNW, \$\\$UFJGTL K[VG[VFVUGLR\$GLUELZ GNW, \$\\$UFDF\VFJX[TGLGNW, \$\\$UFJGTL K[VG[VFVUGLR\$GLUELZ GNW]] | \$\$

s RNDPE8=f p5; IRJ sDSFGMf DFU¶VG[DSFG IJEFUP

GS, ZJFGF0; J¶SFI¶SF, S. HGZZL4

ZFHI IJ EFU4

ZFHI; ZSFZGF AFWSFD DF8[J5ZFTF UF66 <u>BGLHGL ZMI <8L</u> <u>EZJF AFATP</u>

UJHZFT; ZSFZ
pWMU VG[BF6 IJEFUP
9ZFJ SIDFS o VIDVIDVFZq!! Z___qZ_!#qK
; IRJF, I 4UFWLGUZ
TFZLB ov!v)vZ__\$

JRF6[, LWF OV

- s! f pww BF6 VG[pHF¶JEFUGM9ZFJ SDFS 0 VD; LVFZ \vee Z! &(\vee *#($_\vee$ K TFP! Zq! Zq!)&)
- sZf pWMU BF6 VG[pHF¶JEFUGM9ZFJ SDFS o VD; LVFZv Z! &(v(v&&(5vK TFP! q! q!))(*
- s#f pWMU BF6 VG[pHF¶J] EFUGM9ZFJ SDFS o VD; LVFZv Z! ((vs(f&5vK TFPZ5q! q!))!
- s\$f pWnU VG|BF6|JEFUGM9ZFJSbVD; LVFZv!_)*vZ(5&v K4TFP&q!!q!))*
- S5f DFGPDb1 D+LzLGF VWI 1F56F CP/ I MHF1 (VB5FJ09SDL8LGL TFP! (q&qZ_\$ GL APSGL SFI 9FCL GMVP

9ZFJ 0V

 $\label{thm:linear} $$IMHFI[, V[15FJO]SDL8LGL A[PSDF]GSSL YIF D]$HA; NE $$W$ TYF; NE $$V$ C[P/GFIJEFUGFTFPZ5q! q)$! TYF $$TFP&q! ! q) * GF 9ZFJM VFYL ZN SZJFDF]VFJ[K]$$

UHZFTGF ZFH1 5F, ZLGF CSDYL VGTDGF GFDP

s VFZPALPjIF; f GFIPA; IRJ pWMU VG[BF6 IJEFU 5|T4

V DPPDb1D\LzLGFVU|; IRJzL4DPPDb1D\LzLG|SF1F¶14

V ZFH1 S1FFGF D\+LzL s pWnU VGFBF6 f GF VUT ; IRJzL4 ; IRJF, 14 UFWLGUZP

V VU): IRJZL4 GF6F\IJEFU4 ; IRJF, 14 UFWLGUZ

V VU; IRJZL4 pHF¶VG[58#SDLS, IJEFU4; IRJF, I 4 UFWLGUZ

V VU|; IRJzL4DC[;], IJEFU4; IRJF, I 4 UFWLGUZ

VUI; IRJZL45'RFIT VG[UFD UC IGDF#6 IJEFU4; IRJF, I4 UFWLGUZ

∨ ; IRJzl4 GDNF VG[H/; '6ItT IJEFU4; IRJF, I4 UFWLGUZ

v ; IRJzl4 DFU¶VG[DSFG IJEFU4 ; IRJF, 14 UFWLGUZ

∨ DGHLU OZLS8ZzL4; ZNFZ; ZNJZ GD¶NF IJEFU4; IRJF, I4 UFWLGUZ

v ; el ; IRJzl4 UHZFT IJWT ANO¶ Z[; SN; ¶JONNZF

∨ ; IRJF, I GF; J¶JEFUM

V VSFpg8g8 HGZ, ZL VDNFJFN q ZFHSM8P

V IJSF; SIDxGZzL4 UHZFT ZFH1 4UFWLGUZ

v ; JNDbI . HGZZLVM

V SIDxGZzl4 E]: TZ IJ 7FG VG[BIGH BFT]4UFWLGUZ

V VIWS IGI FDSzl s VOPVI; PFE]: TZ IJ 7FG VG[BIGH 4 UFWLGUZ

V Dþ. J.G.; Ø1FS z.l.4 UHZFT ZFH I 4 UFWLGUZ V OF I ZB8Z VBFpq8q8 Vh0 8hZL4 UFWLGUZ

V ZFHI GF; JNBFTFGF JOFVM

v ; JNS, \$8ZzLVN

I; IGI Z E]: TZXF: +LzL E]: TZ IJ 7FG VG<mark>|BIGH VDNFJFN4J0MZF4ZFHSM8 4 E]H</mark>

V ; J¶5FT VIWSFZLVM

V ; JNDFD, TNFZzVNg DCF, BFSFZzLVN

v ; JMH<, FIJSF; VIWSFZLZLVIP

v ; JITTF, BF IJSF; VIWSFZLZLVIP

; JMVIW1FS. HGZZLVIMH/; 'BITT IJEFU4 DFUMG[DSFG IJEFU4 GDMF IJEFUP

v ; JNSFI\\$F, S <mark>. HGZ</mark>ZL<mark>V</mark>NH/ ; <mark>\GltTIJEFU4</mark>DFUNVG[DSFGIJEF<mark>U</mark>4GD<u>NFI</u>JEFUP

∨ ; J¶JG ; ₹1FS<mark>zLVM</mark>

v ; JMH<, F E]: TZXF: +L<mark>zL4</mark> S, \$8Z SRZL s BIGH XFBF f

- 54 -

UJHZFT; ZSFZ DFU¶VG[DSFG IJEFU

5|Z5+ SDFS 0 8LVG; Lv! _vZ__Zvs! \$fv; 4 ; |RJF, | 4UFWLGUZ TFZLB 0v Z*v\$vZ__5

IJUFI OV ZFHI; ZSFZGF AFWSFD DF8[J5ZFTF UF6 BIGHGL ZMI <8L EZJF AFATP; NE¶V pWMJ VG[BF6 IJEFUGM9ZFJ SDFS O VDVDVFZV!!Z____VZ_!#VK4TFP!V)VZ___\$

5IZ5+ 0V

 $pWMU4 \ BF6 \ VG[pHF]IJEFUGF \ TFPZ5v! \ v)! \ GF 9ZFJ \ SDFS \ 0 \ VD; \ LVFZvZ! \ ((vs(fv&5vk \ VgJ1[ZFHI \ ; ZSFZGF4 5 \ FFI \ TGF \ VG[; ZNFZ; ZMJZ GDNF | IGUDGF AFWJFDF\ VFJTF\ Z: TFVNGF S[I; \ RF. \ JUZGF SFDM DF8[HIFZ[; FNL DF8L s \ VNDLGFZL S, [v \ VY] f \ VG[s; NO8f DZD JF5ZJFDF\ VFJ[tIFZ[U] HZFT UF6 BIGH | IGI Dv!) && D] HA ZMI <8L , [JFGM IGI D , FU] 50X[GCLP \ VB, [S[VF SFDM DF8[SMg8FS8ZM 5F; [; FNL DF8L s \ VNDLGFZL S, [v \ VY] f \ VG[s; NO8fDZD DF8[ZMI <8L , [JFGL YX[GCL T] L HMUJF. SZJFDF\ VFJ[, PCJ[p5Z; NEDFNXF]], pWMU \ VG[BF6 | JEFUGF TFP! \ v) \ vZ__$ GF 9ZFJYL TP Z5v! \ v)! GF 9ZFJ ZN SZJFDF\ VFJ[, KP$

ZFHI; ZSFZGF AFWSFD DF8[J5ZFTF UF6 BIGHGL ZMI <8L AFATP

VgI; WLGF XaNM ZN SZL OST GLR[D]HA HMUJF. VD, DF\ZCXP

UF6 BGLH AFATDF\ZFPUF{BPIGP!) & VG[TGF VG]; WFGDF\JBTNJBT ACFZ 5F0JFDF\VFJ[, 9ZFJM, FU] 50X VG[T[D]HA , Lh S[5ZDL8 , UFG] VG[ZM <8L EZJFGL ZCXPSpWNJ VG[BF6 JJEFU 9ZFJ SDFS VDVDVFZV!! VZ___VZ_! #VK TFP! V) V_\$f

s VXIIS 501 F f p5; IRJzL4 DFU¶ VG| DSFG

IJEfU

5|T4

; JINIW1FS . HGZZL4

S DPPDPJTJYM 57RFIT SDPPDPFJTJYM VB; 51; J[JTJY q ZFHI DFU¶IMHGFJTJY q

ZF08EI WMZL DFU¶JT¶YMq 5F8GUZ I NHGF JT¶Y ; ICT f

; JNSFI &F, S. HGZZLVMs p5ZNST JTN/NCP/GFTDFD IJEFUM; ICT f

GS. ZJFGF ov

V pWMU VG[BF6 IJEFU4; IRJF, I4 UFWLGUZ

∨ GDNF 4 H/; '5ItT 4 5F6L 5ZJ9F VG[S<5; Z IJEFU4; IRJF, I 4 UFWLGUZ

∨ IGTFDSzt4. HGZt; XMVG; \YF4 JOMNZF

∨ IG1FDSzL4√þHLGL1ZLU:8F0 SM, H4 UFWLGUZ

V DGHLU OLZ\$8ZzL4UHZFT ZFHI AFWSFD IGUD , L4 UFWLGUZ

V DGHLU OLZ\$8ZzL4UHZFT ZFHI DFU¶JSF; IGUD, L4UFWLGUZ

v; JMTFN+S VIWSFZLZLVMs GFPSFP. P; ICT f DFPDPIJEFU4; IRJF, 14

v; JN5MH\$8 XFBFVM DFPDPIJP; IRJF, 14

v; L, \$8 OF., P

DXLG SKO: 8MG VULUBGFO, BLGK VG[., MgUKG.gO[FGF; VBT WMZ6M V5GF.J.JF AFATP

U|HZFT; ZSFZ

DFU"∨G[DSFG IJEFU

5IZ5+ S|DFS ∨ V|; VMVFZP ∨ ! _Z__& q ! _\$ q ; P!
; IRJF, 14 UFWLGUZP

TFP Z5q! qZ *

51: TFJGF 0V

CDXIG Sk0 : 8MG VULUBC V(ARWSFDDR) 5ZFT)Db1 D8IZLI <; KP VF CD8IZLI <; C DF8GF UbJTFGF IJIJW WMZ6M 5ELGM VE CO, ELGK VG ., NGUK ., GOIF S; VETFC K[H[DLGL: 8½ VND ZND 8½; 5M8*Vb0 CF. Jb short & Hf EFZF 5EFXLT :5KLOLSKG ONZ ZND Vb0 ALH JSGL RIML VFJITTDRNXFJ1F VG; FZ #_@YL JWJG CNJM HNL VP HIFZ[VUFP DLGL: 8½ VND ; ZOI; 8½; 5M8GL ALHL VFJITTDROST O, ELGK ., GOIFG/WMZ6 JWDRJJM #5 @; MCG/CTP VFD; KNWGM Q VG/EJ TDH VWTG DXLGZLGL p5, 8WLGM JIF5 q; Z/TF TDH VFIYS 5F; FVNG/W1FG[, . G[U/SJ2FGRWMZ6MDR56 GJF; MFZF Q JWFZF SZJFDRVFJ[KP SZJFDRVFJ[KP VUFPGF O, ELGK ., GOIFGF WMZ6MDRCJ[. , NgUKG ., GOIF 56 HNDL; VET WMZ6 NFB, SZJFDRVFJ[KP SZJFDRVFJ[KP SZJFDRVFJ] KP SZJFDRVFJ[KP SZJFDRVFJ] KP SZJFDRVFJ SKZ I JG8M 5E/CFF DM8F EFUGF I JG8M 5ZFEZFUT 5WMTYL SFI ZT KP TDFNL GJF; VET WMZ6M 5 IZ5/6*SZ[TJM pt5FINT DF, D/L XSTM GYLP H[VB JI JCFZLS DKS], L KP 5ZFEZFUT 5WMTGRSKZDRVF 5E/EZGL DKS[LVM VFJ[KP T[AFATGM p<, B 8E/GLS, HG", DR 5]; WW YTF 8E/GLS, 5[5; DR 56 Y1] KP VFYL; VET WMZ6M DP/JJF CF, GF SKZ I JG8MDR; FZF VJF 5/HF6DR; MZF JWFZF SZJF VFJXI S AG[TD KP HDRJWFZFG],GF6F8LI ZMSF6 56 SZJJ 50 TDH; DI 56 JI ITT YFI VFYL O, ELGK TDH ., NgUKG ., GOIFGF; VET WMZ6MGM VD, SZJF S. HFZNFZNGF 5E/TM; DI VF5JM 56 H~ZL KP T[WIFG], . GLR[DHAGL; RGFVM VF5JFDRVFJ KP

DFU" \lor G[DSFG IJEFU C:TS RF, TF SFDMDF\ 5 ψ TDFG :5 ψ XLOLS ψ G 5 ψ FF6[0, ψ XG] . , ψ UXGGF : I ψ T . q0[IFGL DCt; D DI FNF #_ @ ZFBJFDF\ \lor FJ|KP

 $UJHZFTZFHIDNDMSFEFUGFSJXLUIJGSMBFGULDFI, SLGFK[VG[TDNH-ZLIFI+SOZOFZMSZJFDNVFJ[TM; N]ST \\ . go[nFGFWFZFWMZ6MH/JF. ZC[TUMDF, D/LXSP]$

SVF DFU"VG[DSFG IJEFUDF\RF, TF SFDMGF . HFZNFZMV[H[T[S|XLU I]]G8MDF\H~ZL IFI+S ; MFZF JWFZF Y. UI [, K[VG] WFZF WMZ6 D]HAGL U|SJ¿FGF\V|U|LU|B D/L ZC[K[T|J]\5DF65+ VIWIFS . HG|Z|ZL SIFI\+SF VDNFJFN DFPDP JT]/4 VDNFJFNG|\CMI T|GL 5F; |YL H DF, ; DFG BZLN SZJFGM ZC|X|PVF 5|DF16T YI [, S|XLU I]|G8 I; JF1 GF SM. 56 S|XZ 5F; |YL DF, ; DFG ; %, FI G YFI T|GL SF/HL , |UFGL ZC|X|P VIWIFS . HG|Z|ZL SIFI\+SF £FZF ; 8LOF. 0 G YI [, S|XLU I]|G8 5F; |YL VFJ[, WFZFMWZ6 JUZGM DF, ; FDFG VFP8ZF. 8 ZLH|S8 SZJFDF\VFJX|P

SSF NZ\$ IJEFULI SRZLVNV[TVNGF TFAFDF\H[H]. HFZNFZNGL GNW6L YI], K[T[VNG]; NZC]; RGFVN VD, SZJF DF8[

, [BT HF6 SZJFGL ZCX[TYF BFGUL SXLU I]G8NG[56 VFGL, [BT HF6 SZJFGL ZCX]; NZC]; RGFGF VD, DF8[

BFGUL SXZ I]G8N TDH. HFZNFZN; FY[NZ\$ IJEFULI SRZLV[V\$; N\$T APS SZLG]; DH VF5JFGL ZCX[HYL

TFP! q! _q_* 5KL DFU" VG[DSFG IJEFU C:TS RF, TF SNL 56 SFDNDF\ WFZF WNZ6 D]HAGL UJ6J¿F I; JFIGN

DF,; FDFG JF5ZJFDF\G VFJ[T]GL T\$NFZL ZFBJFGL ZCXP

p5ZNST; |RGFVNGMVD, R]:T56[SZJFGMZCKP



DXLG SKO: 8MG VULUBGFO, BLGK VG[., MgUKG.gO[FGF; VBT WMZ6M V5GF.J.JF AFATP

U]HZFT; ZSFZ
DFU"∨G[DSFG IJEFU
5IZ5+ S|DF6 ∨ VFZHLV|G ∨ ! _Z__& ∨ ! _\$ ∨ ; P! 4
; IRJF, I 4 UFWLGUZP
TFP! *q! _qZ__*

; NE'ov ; ZBF SDFSGF 51Z5+ TFPZ5q! qZ__*P

<u>5|: TFJGF 0∨</u>

U]HZFT; ZSFZZLGF DFU" \lor G[DSFG I) EFU £FZF; NELT 5ZL5+ SDFS 0 \lor [; $P\lor$ MP \lor FZP ! _Z__& q ! _\$ q ; P! 4 TFPZ5q! qZ__* YL AFWSFDDFJ5ZFTF DXLG Sk0 : 8MG \lor QULUB DF8[0, \$LGK T]DH . , NgUKG; N \$T . g0[NFGL DCTD #_@DIFNFG],WMZ6 \lor 5GFJJFG],GSSL YI [, CT]; H[DF8[U]HZFT ZFHI DFNRF, TF BFGUL SKLU I]GL8MDFNH~ZL TFN+S;]WFZF JWFZF TFP#_q) qZ__*;]MLDFNSZJF \lor G[TFP! q! qZ__* 5KL YL DFU" \lor G[DSFG I) EFUGF Z: TF \lor MGF SFD J5ZFTF \lor QULUB WFZF WMZ6 DHAGL U/6JTF JF \lor MJF5ZJFDF \lor VFJ[T]D H6FJ[, CT];

SXZ I GL8MDR H~ZL; WFZF JWFZF; PJ, ; DI UF/FDRY. XS, G CNUFYL JFZVFZ; DI DI FNF JWFZJF DF8GL ZH/VFTMYI, CTLP

 $p5ZIIST AFAT[; ZSFZzL £FZF 5]{T} IJRFZ6FG[VT[S]XLU I]GL8IIDFI H-ZL;]WFZF JWFZF SZJF DF8[GL VITD TFP#_q] qZ__* G[AN, [TFP#! q! Zq_(SZJFDFIVFJ], KP$

p5ZNST; |RGFVNGMVD, R]: T56[SZJFGMZC|XP

sV; PVP E8F p5; IRJZL sDPDPF DFU"VG[DSFG IJEFUP

GS. ZJFGF OV

 \lor ; IRJzL sDFPDf GF P \lor UT ; IRJzL4 DFPDP IJEFU4 ; IRJF, I 4 UFWLGUZP

v; J|DD1 . HGZzLVMVG|VP; PZLVM DFPDP IJEFU4; IRJF, 14 UFWLGUZP

v; JIVIW1FS . HGZZLVM

v ; JITFI+LS VIWSFZLZL4 DFPDP IJEFU4 : IRJF, 14 UFWLGUZP

 \lor OF. , SDFS o \lor V; PVNPVFZPq!_Z_&qs!_\$fq; P! DF\ZFBJF; F~P

∨ 1; , \$8 OF. , P

Instruction on implementation of

the building and other Construction workers Act 1996 and building and other Construction workers Welfare Cess Act. 1996.

The Goverment of Gujarat Labour & Employment Department G.R. No. CWA-2004-841-M3 Sachivalaya, Gandhinagar, Dated: 30 January 2006.

Read: Labour & Employment Department, Gandhinagar GR.No.CWA-2004-1831-M(3)

Dated: 9-12-2005.

RESOLUTION

Building and other construction workers are one of the largest and most vulnerable segments of the unorganized labour. Their work is characterized by by inherent risk to file and limb of the work and also by the casual nature, temporary relationship between employer and employee, uncertain working hours, lack of basic amenities and inadequate welfare facilities.

The College of India has decided to constitute. Walfare boards for such workers in every state and accordingly, the Building and other Construction Workers (Regulation of Employment & conditions of Service) Act. 1996 was enacted by parliament and brought into force from 19th August, 1996. implementation of the Act. Including cess collection has already commenced in Karnataka, tamil nadu and dilhi. Under the side Act. The College of Gujarat has constituted a board under section 18. The stat The College has been powers to make rules for carrying out the provisions of this Act.

Accordingly, The College of Gujarat made Gujarat Building and other Construction Workers (Regulation of Employment and condition of Service) Rules, 2003 and published these Rules vide Notification No.GHR-2003-111-CWA-2000-1869-M(3), dated 18th August, 2003. The College of Gujarat has also constituted the Gujarat Building and other Construction werkers Welfare Board vide Notification No. GHR/2004/163/CWA/2004/3743-M(3), dated 18th December, 2004. Secretary (Labour) has been appointed as Chairman.

The College of India has also enacted the Building and other construction workers welfare cess Act. (hereinafter called as cess Act.) and brought it in force from 19th August, 1996. the cess Act provided for the levy and collection of cess on the cost of construction incurred by the employers, for increasing the resources of the welfare board. Section 3 of the Cess Act provides that cess shall be levied and collected at a rate not less than 1 % of the cost of construction incurred by an employer. Rule 5 of the Building and other construction worker welfare cess Rules, 1998 reads as fallows:-

- (1) The proceeds of the cess collected under Rule 4 shall be transferred by such The College office, public sector Undertaking, local authority. Or cess collector, to the Board along with the from of Challan prescribed (and in the head of account of the Board) under the accounting provedures of the state, by whatever name they are known.
- (2) Such The College office or public sector undertaking may deduct from the cess collected or claim from the Board, as the case may be, actual collection expenses not exceeding one per cent of the total amount collected.
- (3) The amount collected shall be transferred to the board within thirty days of its collection.

Moreover, under Rule 6, every employer, within thirty days of commencement of his work of payment of cess, as the case may be, has to furnish information in form 1 to the assessing Officer. Under Rule 12, the Assessing Officer, in cases where the employer has pay the cess or has paid less cess, can impose it penalty upto the amount of cess payable.

By The College of Gujarat Notification No. GHR/2005/04/CWA/2004/841/M3, dated 3rd January, 2005, all heads of the department of the The College of Gujarat, all Executive heads of public sector undertaking and all Executive head of local Authorities (except Gram panchayat and Nagar Panchayat) are declared as cess Collectors and Assessing Officers.

The Building and other Construction workers Welfare board has passed the necessary resolution to collect the cess with effect from 18th December, 2004.

According, the cess is payable by The College offices, public sector undertaking, local Authority or cess collector to the board in challan proscribed, in the following head / sub head:

Major Head: 0230 – Labour and Employment

Minor Head: 106-Fees under Contract Labour (Regulation and abolition) Rules

Sub Head: (04)-Income from cess levied under Gujarat Building & other Construction worker's Welfare cess Act, 1996.

Approval of the Finance Department, The College of Gujarat has been taken for meeting the expenditure to be included for the various welfare activities by the Gujarat Building & other construction workers welfare board and the opening of the accounting Head / Sub –Head in file No 2004-1831-M3 on 1st December, 2005 (Copy of Resolution dated 9/12/2005 is enclosed)

All The College, public sector undertaking and lacal authorities are instruction to pay the above cess as per the Act. All Department Public sector Undertaking and local authorities are also advised to incorporate the 1 % cess in their estimates for all new works.

By order and in the name of The College of Gujarat.

(Vinod Babbar)
Principal Secretary The College
Labour & Employment
Department

- 60 -

UHZFT; ZSFZzLGF DFU'VG[DSFG IJEFUGF 5IZ5+ SDFS o 5ZR \vee ! _Z__(\vee 5 \vee ; TFP! (q! qZ__(

00 5IZ5 + 00

"Demand Draft for E.M.D. & Tender fee shall be submitted in electronic format only through online (by Scanning) while uploading the bid. This submission shall mean that EMD & tender fee are received electronically. However for the purpose of realization of D.D. bidder shall send the D.D. in original through R.P.A.D. so as to reach to Principal, R&B Division, Porbandar within 7 days from the last date of uploading. Penaltrative action for not submitting D.D. in original to E.E. by bidder shall be initiated. D.D. for exemption Certificate is not necessary. However Exemption Certificate shall have to be submitted electronically through online.

Any documents in supporting of tender bid shall be submitted in electronic format only through online (by scanning etc.) & hard copy will not be accepted separately."

"8 \sharp 0Z DF8[AFGFGL ZSD S. PVDPOLPF TYF 8 \sharp 0Z OLGF OLDFgO OF08 VMG , F. G :SG SZL . , \$8 \sharp 6Z OMZD \sharp DF\8 \sharp 0Z V5 , MO SZJFGF ZCKP VF 5 \sharp FFZ[ZH}YI [, IJUT[AFGFGL ZSD VG[8 \sharp 0Z D/P, U6JFGL ZCK] VG[TNVG]; FZ 8 \sharp 0Z BM, JFDF\VFJX[T] VG]; FZ . , \$8 \sharp 6Z OMZD \sharp DF\ZHL:8 \sharp 6G4 A \sharp 6 ; M, JKL4 AFGFGL ZSD VG[8 \sharp 0Z OL D/], CMI TGL H VMOZ BM, JFDF\VFJXP BZBZ R \sharp 5J6F DF8[8 \sharp 0Z EZGFZ[OLDFgO OF08 V; , DF\ZHL:80"5M:8 VPOLP YL SF1"5F, S . HGZZL4 DFU"VG[DSFG IJEFU4 5MZANZ G[V5, MOLUGL K \sharp 4Z TFZLB YL INJ; V* DF\D/[T[VG]; FZ ZH]SZJFGM ZCKP V; , DF\OLDFgO OF08 GCL DMS, GFZ ; FD[IX1FFtDS 5U, F X~ SZJFDF\VFJXP AFGF D]ST DF8[OLDFgO OF08 H~ZL AGX[GIC4 5ZT] AFGF D]ST 5|DF65+ . , \$8\$\lambda{G}LS, L VMG , F. G ZH]SZJFG\ZCKP"

 $8 \text{ boz Alogf\ DF8[H$-ZLVFWFZ DF8[GFSM. 56 0161]D} \text{ by VIIG} , F. G. , \text{ 8\#GLS 011ZD} \text{ bof\ }: \text{SG SZL DIIS}, \text{ JFGF ZC[X]} \\ \text{VG[CF0 SII/5LV, FINLZLT]}: \text{JLSFZJFD} \text{NVFJX[GICP}$

orbandar

UJHZFT ZFH1 5F, zlgf cjdyl vg[tjdgf gfdp

; Clqv p5; IRJ DfU"VG[DSFG IJEFU - 61 -

AFWSFDGF D8LZLI <; TDH SMD5MG\(\text{b8}; \); \(\text{t5}, \text{ GL} \)
U\(\text{b}\) \text{TTF DF8}\(\text{F 5ZL1F6 5} \text{LGF (_ % 5ZL1F6 : Y/ 5Z TYF! _ % 5ZL1F6 ; ZSFZ DF\(\text{g}\) |, \(\text{AMZ}\(\text{BZL Q UZL } \text{NJFZF TYF! _ % UZL } \) \(\text{AMZ}\(\text{BZLDF\SZFJJF AFATP} \)

UJHZFT; ZSFZ4
DFU"VG[DSFG IJEFU4
5IZ5+ SIDFS ov 5ZRq! _Z__*qZ(q;
; IRJF, I 4 UFWLGUZP
TFZLB o #! q! ZqZ___)P

5IZ5+

V[√[n[n]β	s! f UpXG
	Indian	sZf <mark>0</mark> , [SLG X VG[. , MU XG J {I}]
	and the same of th	s# <mark>f</mark> . d5[\$8 J[k1]
		s\$fJII8ZVA; III5"XG
AL	DF8L	s! f IO<0 VDOLOL VG[VDVD; L
		sZf; LJ VGF, L; L;
; []	Z[TL	s! f UPKG
OL	. 8M	s! f OFI DGXG VG[8M, Zg; 8[:8
		sZf JIBZ VA; II5'XG
	SNS[8	s! f GMG OL: 8\s8LJ 8\s8 sV\s8=; MGLS 8\s8LU 5\wW1TYLf
	01110	sZf:, d5 8[8
	Por	s#f SNd5[; LJ :8Fgy
VD	AL81 DLG; DLS;	s! f OFDZGL 8SFJFZL
HL	OFI DL1F D8LZLI ,	s! f UPKG

XZTM 0V

- ZP SFP. PZL HF1 Z[:Y/5Z TIVIIG]RISLU SZJF HF1 t1 FZ[8]:8LU TIVIIV[TDGL ~A~DF\56 SZFJJFG]ZCXP
- #P WFZF WNZ6 5|DF6|GF 5ZL1F6NGL; b1F 5|SL (_% 5|Z1F6 | 10<0 , |ANZ|BZLDF\. HFZNFZGF VIWST SJM, LOF. 0 . HGZ S[H|VNG[; A\WT SF1 5F, S . HG|Z|Z|V| I-CARD VF5|, CMI T|DGF NJFZF BFTFGF GFPSFP. PqDP. PqVPDP. P GL CFHZLDF\ H SZJFGF ZC|X|VG| 5ZL6FDMDF\; N|ST ; CLVM SZJFGL ZC|X|H1FZ|! _% 5ZL1F6 U|ZL q ; ZSFZ DFGI , |ANZ|BZL SVMKFDF\VMK|V|S 5ZL1F6F VG|! _% U|ZL , |ANZ|BZL SVMKFDF\VMK|V|S 5ZL1F6F DFZOT| SZFJJFGF ZC|X|P
- \$P SJ. 51Z1F6MGF (_% 5ZL1F6 VB H : Y/[VB H ; DI [VB H TASSFDRGCL SZTRSFDGL 5|UIT D]HA H[TASSFV[H[T] SFDULZIG[VG]-5 H[D8LZLI < ; JF5ZJFG], YT] CMI TNVG]; FZ X~VFTGF TASSFDR ZFBJ], JrRGF TASSFDR TDH VFBZL TASSFDR SZFJJFG], ZCXP VFD KTR VF AFAT[: yFFIGS S1FFV[YL GFPSFP. PZLV[H~ZLI FT D]HA TASSFJFZ 5ZL1F6MGSSL SZJFGF ZCXP
- 5P U/6JtTF IGT DG wFFZF WMZ6 5|DF6|GF AWF H ZHL: 8Z IGT IDT ZLT[IGEFJJFGF ZC|X|F VG[T[H|T] : Y/[, |AMZ|8ZLDF\p5, aW ZC[T|D ZFBJFGF ZC|X|F
- &P HM SM. SFZ6; Z 8[:8L'UGF; FWG V5F%I CMI VYJF J; FJJFDF\; DI HFI TD CMI S[jIJCF~ G CMI sHD S[., \$8#D[8S AZLUF TM VFJF 5ZL1F6M UZL q; ZSFZ DFgI; \text{VFVMDF\SZFJL XSFXP} VG[VF AFATGM IG61]; ANWT SFP. PZL q GFPSFP. PZLV[SZJFGM ZCXP] UZLDF\G Y. XS[TJF 8]:8; ZSFZ DFqI, ANZBZLDF\SZFJL XSFIP
- *P IJEFU GF 1F[+1 TF(+S : 8FO[GFPSFP. PqDP. PqVPDP. P V[TDH . HFZNFZGF TF(+S : 8FO NJFZF UZLDF(5ZL1F6 HFT[SZJFGM; TNDFSFZS VG]EJ D[/JL VF AFATG], UZLG], 5DF65+56 D[/JJFG], ZCXP H[T[IH<, Fq 5FN]XS:TZ[UZLGL , ANZBZLDF(SNDF"SgOS8 SZJF DF8[H~ZL OL H[T[IJEFUGF SFP. PZLV[R]], DIFGL ZCX[VG[VF SFI "JFCL; DI AWW 5]6" YFI T[DF8]; ANWT VP. PZLV[VF SFDULZLGL JBTNJBT; DL1FF SZJFGL ZCXP
- (P VF 51Z5+YL p%Z H6FJ[, F 5ZL1F6M 5\&L (_% 5ZL1F6M 1F]+1 , ANZ\&ZLDF\ SZJFGM ; D1 TFP ! q! qZ_! _ YL SZJFGMZC\XP
-) P UZLDF\ 8[:8LU SZFJTF\ ; DI [UZLGF\ 8[:8LU RFH" tJZLT EZJFGM ZCXP HYL 5ZL1F6GF 5ZL6FDM ; DI ; Z D[/ JL XSFI P

Girls' College Porbandar

SVFZPSP RFCF6f

BF; OZH 5ZGF VIWSFZL SIJPI IPF

DFU"VG[DSFG IJ EFUP

>V8b0ZLUDF\8b0Z OL VG[VgI ONST]Db8; ZH]SZJF VUP

UJHZFT; ZSFZ
DFU"VG[DSFG IJEFU4
5IZ5+ SIDFS ov 5ZR v!_Z__(v5v; s5F80F>, f; IRJF, I4 UFWLGUZ4
TFP Z*v!! vZ__(

JRF6[, LWF ov TFP! (q! q_ (GM 5 IZ5+SDFS o 5 $ZR v! Z_ (v5v)$;

51Z5+ 0V

DFU" \lor G[DSFG IJ EFUDF\ CF, DF\ 8\fg0ZM \gt \lor 8\fg0Z 5\w\w\|TYL :JLSFZJFDF\ \lor FJ[K\partial T[\lor gJI [; DFG S\DF\\SGF TFP I (q! q_ (GF 5|Z5+DF\ 8\fg0Z 0L \lor G[AFGFGL ZSD H[T[SFI "5F, S \gt HG\(Z\)G[BZ\(BZ\)Z R\(S\)JJF DF\(S\)[ING \lor * DF\ \lor C; , DF\\OLDF\(g\)0 0\(F\)0 GIC D\(S\)5, GFZ ; FD[IX1\(F\)F\(DS\)5U, F , \(U\)FGL H\(M\)JF \gt CTL\(P\)

p5ZNST 51Z5+DF\GLR[DHA VXT0; WFZM SZL VF XZTGM; DFJ[X 8\tilde{0}Z GN8L; \q 8\tilde{0}ZGF D]; NFDF\Through R.P.A.D. so as to reach to E.E. Division - Within 7 days from the last date of uploading G[AN, [to S.E. at the time of tender opneing or send the same through R.P.A.D. so as to reach to E.E. Division - Within 7 days from the last date of opening."; WFZM SZJFDF\VFJ[K]* TDH BZBZ 8\tilde{0}0Z OL TDH AFGFGL ZSD IGTT; DT DF\>HFZNFZ G EZ[TM>HFZNFZGL GNW6L V\\(\beta\) JOF DF\(\beta\) FBJFGL SFT "JFCL SZL >V8\tilde{0}0ZLU GMSNO V\\(\beta\) JOF DF\(\beta\) FBJFGL SFT "JFCL SZL >V8\tilde{0}0ZLU

UHZFT ZFHI 5F, ZLGF CSDYL VG[TDGF GFD]

sVFZP SP RFCF6f BF; OZH 5ZGF VIWSFZL DFU"VG[DSFG IJEFU

8\(\partial \text{DFg} \ \mu \rangle \text{FDfg} \ \mu \rangle \text{FDf} \ \text{5Z FDJF TYF SFDGL} \\
5Z 50TF BR"5Z IGT \(\mu \text{6 ZFBJF TYF SFDGL} \\
GF6F\(\mathbf{SLI} \) 5\(\mu\)IT \(\mathbf{EF}\)\(\mathbf{TS 5}\)\(\mu\)IT ; \(\mathbf{FY}\)\(\mathbf{P}\)\(\mathbf{DF}\)\(\mathbf{ZC}\)\(\mathbf{T}\)\(\mathbf{P}\)\(\mathbf{DF}\)\(\mathbf{ZC}\)\(\mathbf{T}\)\(\mathbf{P}\)\(\mathbf{DF}\)\(\mathbf{ZC}\)\(\mathbf{T}\)\(\mathbf{P}\)\(\mathbf{Z}\)\(\mathbf{EF}\)\(\mathbf{P}\)\(\mathbf{Z}\)\(\mathbf{EF}\)\(\mathbf{P}\)\(\mathbf{Z}\)\(\mathbf{EF}\)\(\mathbf{P}\)\(\mathbf{Z}\)\(\mathbf{EF

UHZFT; ZSFZ
DFU"VG[DSFG IJEFU
5IZ5+ SDF\$ 5ZR q!_Z__(qs&!fq; TFZLB Z*q!!qZ__(

51Z5+ 0V

8\fint Old V; FDFgI \(\mu\rangle \rangle \rang

HFIUJF. 0V

H[SF[. VF. 8DGF 8\(b\)0ZDF\D\(b\)[, VNFHL EFJ4 T[VF. 8DGF 8\(b\)0ZDF\D\(b\)[, VNFHL EFJ SZTF\8\(b\)0ZDF\D\(b\)[, VNFHL ZSDYL; DU] 8\(b\)0Z H\(B\), F 8SF μ R]S[GLR], DH\(Z\) YI \\(CF[I T[8SFJFZL YL! = @ YLJW] \mu RF[ZC[TF[CF[I T]U \v F. 8DG], R\(B\)J6\(Z\)GU IA, JBT[HI T[\v F. 8DGF \v NFHL EFJ \cdot q \v D\)H\(Z\) 8\(b\)0ZGL 8SFJFZL \(T[\v F. 8DGF \v NFHL EFJGL 5\)@ GLDIFNFD\\SZJFD\\VFJX\(P\) VF ZLT[JLYC\(EFJ\) SZD SFD; \(TF\)0FSFZS ZLT[5\(B'\)YI [OF. G, IA, D\)H\(Z\) SZTLJBT[JIFHEFZ6 JUZ K\(BL\) SZJFD\(VFJX\(P\) \)PST HF\(JJF\). GL: 508; DH\(CF\) DF8\(VF\); FY\\\(VF\)5\(EF\) \\(VF\)CZ6 \(WIFG\) \(JF\)

	8hOZDF\D\$(, VNFHLZSD	0	~FP! q∨
Z	DHZ YTI, 8b0ZGL ZSD	0	~FP!!_q∨
#	860ZDF\D)\$(, VNFHLZSD; FY[BZ BZDH)ZYI (, 860ZGL8SFJFZL	0	_@
\$	860ZGLVBVF. 8DGF[860ZDF\DB], VNFHLEFJ	0	~FP!_q∨
5	T[Vf. 8DGf[EZ[, EfJ	0	~FP ! \$ q ∨
&	T[Vf. 8DDf\EZ[, µRf EfJGL8SfJfZL	0	\$_@
*	T[VF. 8D DF8[ZGLU IA, JBT[R\$JJF5F+ EFJ	0	~FP!_´SFP#5DF6[!_@
			µRF ´VNFHL EFJGF 5@
	No.		~FP!!P5 <u></u>

HF[; NZ VF. 8DGF EFJ ~FP ! ZP___ S[TYL GLRF[EZ], CFT TF[ZGLU IA, DFLEFJ S5FT VF HFUJF. D]HA SZJFGL ZC[T GCLP

Girls' College Porbandar sVFZP SP RF(CF6f BF; OZH 5ZGF VIWSFZL DFU" VG(DSFG IJEFU

860Z DF/EZ[, V; FDFgI p/RF EFJMGF

; NE'[SFD

5Z 50TF BR" 5Z IGI \+ 6 ZFBJF TYF

SFDGL

GF16FSLI 5|UIT; FY]; |D[/DF\ZC|T|DF8|

H~ZL

HMUJF. SZJF AFATP

U|HZFT; ZSFZ
DFU" VG[DSFG IJEFU
51Z5+ S|DFS 0 5ZRV! _Z__(vs&! fv; L
TFP _#v_5vZ_! #

JRF6[, LWF 0 $5IZ5 + S|DFS \circ 5ZRV! Z_{(vs\&! fv; L TFP Z*v! ! vz_{(})}$

VFDB ov

 $8 \text{gOZDF} \setminus \text{HFZNFZZLVM} \text{NJFZF} \in \text{ZFTF} \ \textbf{Imbalance} \quad \text{EFJM} \text{JF/F} \ 8 \text{gOZGF} \ IS:; \text{FVMDF} \setminus \text{HFZNFZZLVM} \\ \text{NJFZF} \ p\text{RF} \ \text{EFJGL} \ \text{VF} \cdot \text{8DMGL} \ \text{SFDULZL} \ \text{SIF} \ \text{AFN} \ \text{GLRF} \ \text{EFJGL} \ \text{VF} \cdot \text{8DMGL} \ \text{SFDULZL} \ \text{G} \ \text{SZJFDF} \ \text{VFJ} \ \text{TJL} \\ \text{51Z1:YIT} \ 5Z \ IGI \ +6 \ ZFBJF \ DF8[TFPZ^q! \ ! \ qZ__ (GM 5 \ 1Z5 + H \sim ZL \ HMUJF. ; FY[ACFZ 5 FOJFDF \ VFJ[, P VF 5 \ 1Z5 + GF], FV[JLYCF] \ \text{CF}

; WFZM OV

α VF ZLT[JLYCkO ZFB[, ZSD V; FWFZ6 GLRF EFJ EZ[, CMI T|JL VF. 8DGL GF\6FSLI 5|UITDF\5|DF6; Z ZGL\J AL, DF\YL K\\BL SZJFGL ZC\X\P H[IS:; FDF\ V; FWFZ6 GLRF EFJ EZ[, SM. 56 VF. 8D G CMI T\JF IS:; FDF\ V; FWFZ6 EFJM EZ[, VF. DGL ; FD[JLYCkO ZFB[, ZSD AFSL ZC\TL SFDULZL YIF T\GF 5|DF6; Z ZGL\J AL, DF\YL K\\BL SZJFGL ZC\X\P

JWDFJJRF61, LWI, 51Z5+GF pNFCZ6DF\NXFJI, SIDFSv(ZN SZJFDF\VFJ1KP

p5ZMST; WFZFGM VD, VF 51Z5+GL TFZLB 5KL DH/Z YTF\OLP8LP5LP DF\VR\S56[SZJFGM ZCXP

s VFZPS|P RF(CF6 f BF; OZH 5ZGF VIWSFZLSIJPI NPf DFU" VG| DSFG IJEFU

5IIT4

; J['VIW1FS . HG[ZZLVM4 DFPDPIJEFU s5F8GUZ I MHGF JT]'/4 GIXG . CF. J[JT]'/: ICTfP

; J'VIW1FS . HGZZLVM s5RFI T FDFPDPIJEFU

; J| SFI 5F, S . HG|ZzLVM DFPDP IJEFUP

; JI'SFI "5F, S. HGIZZLVM4 S5NRFI T FDFPDPIJEFU

GS, ZJFGF OV

- ! P VUI : IRJZLGF VUT DNNGLXZL4 DFPDP IJEFU4 : IRJF, I UFWLGUZ
- ZP ; JI'DIDI . HGIZ VGI VPZLVIM DFPDP IJEFUP
- #P ; JI TFN+S p5 ; IRJZLVN4 DFPDP IJEFUP
- \$ GFPSFP. PZLVM DFPDPIJEFUP
- 5P GF6F XFBF4 DFPDPIJEFUP
- &P GFP; PVP4; L XFBF4 DFPDPIJ EFU4I; , [S8 OF. ,
- *P XFBF I; , [S8 OF. , ∨ Z_! #

UBJTFIGI DG THGI, UT ZN SZJFGL YTF 51Z5+ a 9ZFJ AFATP

SD/s VIZPSP RICI6 f

DFU"VGIDSFG IJEFU UFWLGUZ

UHZFT: ZSFZ DfU'VG|DSfG IJEfU 51Z5+ S|DFSoU]|GHGq51Z5+qZ_! 5qUPIGP : ZNFZ EJG4 a. NS GP!\$: IRJF, 14 UFWLGUZ TFP_\$q! ZqZ_! 5

:NE" 0V VIWS DIDI ; IRJZL4 ; FDFaI IJEFUGNTFP Z\$a *aZ ! 5 GN 5+

SIDFSoV;; LALV! _Z_! 5sZ\$fs5\$! *#_f

s5F8V! fv; LPIP

VFDB OV

JCLJ8L THDFN; Z/TF TIDH VIS; HTF ZC[T] DF8[H] TI JUFI GL; IRGFVM 51Z5+4; ZSFZL 9ZFJ:J~5[JBTNJBT 511; www.szjfdf/vfji, cn.tidh h(51z5+ s(9zfj cj/vd, df/zcitf g cni tuf 51z5+ng(; 1si, t szl VWTG; SI, T 51Z5+ ACFZ 5F0JFGNS|ZN SZJF5F+ 51Z5+NG|ZN SZJF VVJGL AFAT; ZSFZZLGL IJRFZ6F CP/ CTLP

9ZFJ ov

5bT IJRFZ6FG[VT[; ZFZzL NJFZF pST AFAT[VF; FY[GLR[H6FJ], 5IZ5+ q 9ZFJ VD, JFZL SZJFGL ZN SZJIGN VIYL 9ZIJJIDIN VIJI KP SIZ6 SITDGN VD, LSZ6 VDB; DI DIINIDIN H SZJIGN YTI CTP VGITI; DI DIFNF 5/6'Y. UI, CMI VF 51Z5+ q 9ZFJ CF, VD, DF\GYL VG[EIJQI DF\56 TGF 5Z VD, JFZL SZJFGL ZC[TL GYLP TYL VF 51Z5+ q 9ZFJG[ZN U6JFGMZCXP

SD	DFPDP IJEFUGF 5IZ5+ GAZ VG[TFZLB	IJOFI
ļ	$51Z5 + S DFS08LV G; LV! _)_q! _! $qs_*fq;$	AFWSFDGF <mark>Sfdmdf\ u</mark> 6Jtf IG dg df8[, [Jfdf\ VfJtl
	TFP _5q_#q!))_	V\$ 8SF s! <mark>@</mark> f GL ZSD UZLG[VF5JF AFATP
Z	9ZFJ5 S DFS08LV G; Lq! _(5v\$v;	DF, ; FDFGGF 8[8LU RFHL', 9[SNFZM 5F; [YL J;],
	TFP Z_q! q!))! s; NE"ov ; ZSFZzLGF	SZJF V'U <mark>GL</mark> HNUJF. SZJF AFATP
	TFP!_q_5q!) (5 GF; ZBF S DFSGM 9ZFJF	

UIHZFT ZFHI GF ZFHI 5F, ZLGF CISDYL VGITIDGF GFDA

BF; OZH 5ZGF VIWSFZLZL SIJPI MPF Porbandar

U]HZFT; ZSFZ
DFU'VG[DSFG IJEFU
5IZ5+ S|DFS08LV|G; Lv! _vZ_! 5v! !v; L
; IRJF, I4 UFWLGUZ
TFP!)q!_qZ_! 5

IJOFI OV D)/ . HFZNFZzl SFD SZJF DF8[V; 0/ ZC[TMT[DGL; FD[TFtSFI, S 5U, F , [FIT] FCL SZJF AFATP

; NE' ov! f DFPDPIJEFUGM9ZFJ SDFSo8LVG; Lv! &*) vVF. ALv5&*vs\$Zfv; L TFP Z*q_&q!) (_
Zf DFPDPIJEFUGM9ZFJ SDFSo8LVG; Lv! 5 (5 vVF. ALvZ_! vs) fv; L TFP!) q_(q!) (5

sVU**I**HLDFF

#f DFPDPIJEFUGM9ZFJ SPDFS08LVG; Lv! 5(5 \vee VF. AL \vee Z_! \vee s) f \vee ; L TFP!) q_(q!) (5 s

U]HZFTLDF\f

\$f DFPDPIJEFUGM9ZFJ SDFSo5LOLOA<I\(\frac{1}{2}\)! \(\(\Z\varphi\) \(\Z\varphi\) \(\Z\varphi\) \(\Z\varphi\) \(\Z\varphi\)

5125 +

DFPDP IJEFU NJFZF VUFP 8\(\)0ZGL XZTN 5\(\)DF6\(\)GSSL \(\)Z\(\); \(\) DIDF\\ SFD \(\)5\(\)^* SZJF DF8\(\) HIFZ\(\) \\

. HFZNFZ IGQO\(\) HFI \(\) VYJF TN SFD \(\) VW\(\)Z\(\) KNOLG\(\) RF<\IF HFI \(\) TIFZ\(\) T\(\) V\(\)Z\(\) SFD \(\) ALHF \(\) HFZNFZ \(\) NJFZF \(\) D\(\) \\

. HFZNFZGF BR\(\) \(\) \(\) G\(\) HHBD\(\) \(\) SZFJJF \(\) G\(\) D\(\) \(\) HFZNFZ \(\) SF; \(\) \(\) UNFZFGF BR\(\) DF8\(\) JFZ \(\) SNB\(\)DF\(\) SOT\(\) CT\(\) SZJF \(\) SU\(\) SU\(\) STD\(\) ALHF \(\) \(\) SYD\(\) ALHF \(\) \(\) SZJF\(\) SZFJ\(\) \(\) \(\) SZJF\(\) SZFJ\(\) \(\) \(\) \(\) \(\) SYD\(\) ALHF \(\) \

SD/s Vfzpsp rfcf6 f Bf; Ozh 5zgf Viwsfzlzl sijpi ipf Dfu'vg[dsfg ijefu Ufwlguz

; 1FD VIWSFZLGL 5U" DHZL JUZ HyYF JWFZFGNSFD G SZJF AFATP

UlHZFT; ZSFZ4 DfU'VG[DSfG IJEfU 51Z5+ SDFS0AL. 0LV&5Z_! \$V&(&VG GJF; IRJF, 14 UFWLGUZP

TFZLB ov ! Zq_! qZ_! &

; ZSFZzLGF wI FGDF\VFjI]K[S[TFAFGL SRZLVM NJFZF; 1FD VIWSFZLVMGL 5]J'D'HZL JUZ HyYF JWFZFGL SFDULZL SZFJL HJFANFZL PEL SZJFGL 5/6F, L VG); ZJFDF\VFJL ZCL KP TIDH VNFH AGFJJFDF\56 RNS; F. GN VEFJ H6FI KP VF; WWDF\GLR[D]HAGL

; 1FD VIWSFZLGL 5) D'HZL JUZ HyYF JWFZF VG[JWFZFGL VF. 8DGL SFDULZL CFY WZL HJFANFZL pEL ! P SZJL GCLP

VNFHMAGFJJFDF\RMS; F. ZFBJLP ΖP

> SD/s JLPV DP UMC, f p5; IRJ DIU'VG[DSIG IJEIU **UFWLGUZ**

SPECIAL CONDITION

INSTRUCTION TO BIDDER

1.0 The bidder shall submit Demand Draft for tender Fee and DD of EMD as mentioned in tender document in fabour of The Principal, V.R. Godhaniya collage, Porbandar payable at Porbandar in electronic formate only trhough online by scanning However, for the purpose of realization of DD the bidder shall submit the DD for Tender Fee and DD for EMD in original office of the Principal at the time of Tender opening or through R.P.A.D. / Speed Post / Hand Delivery so as to reach the office of The Principal, V. R. godhaniya collage, Porbandar on or before 12th March 2019 11:00 Hours. Peneltative action for not submitting DD in original to The Principal by bidder shall be initiated. Moreover, other necessary documents for biding such as valid Certificate, partnership deed, power of attorney etc. shall be submitted in electronic format only through online by scanning and hard copy will not be accepted separately.

GST VUI: RGF

TFP _! q_*qZ_! * YL $\underline{\mathbf{GST}}$ SZDF/B]\VD, DF\VFJ[KPH[VG]; FZ; NZ SFDDF\ $\underline{\mathbf{GST}}$ DF\NXF] IF VG]; FZ 8\Bar{B}; EZ5F. SZJFGM ZCXP H[AFAT[; IRJZL DFU"VG]DSFG IJEFU 4 UFWLGUZ NJFZF; RGF VF5JFDF\VFJ[KPH[WIFG[, . $\underline{\mathbf{GST}}$ GF SZDF/BF VG]; FZ 8\Bar{B}OZ EZJF IJG\TL KP 8\Bar{B}OZ DF\EZ[, EFJM $\underline{\mathbf{GST}}$ TYF VgI 8\Bar{B}F; CLTGF U6JFDF\VFJXP 5FK/YL 8\Bar{B}OZDF\ $\underline{\mathbf{GST}}$ GF SFZ6[GF6FSLI EFZ6 VFJ[K[T]U ZH]VFT UFCI ZFBJFDF\VFJX[GCL T]DH ZFHI ; ZSFZ NJFZF VF VU[SM. IJJFNG[WIFG[,]FDF\VFJX[GCL H]CL BF; GMW,]FIJG\TL KP

Special Condition

Subsequent to the implementation of <u>GST</u> from 01/07/2017. The taxes applicable in this work will be as per the norms mentioned in the <u>GST</u>. The instruction given by the Secretary Roads and Buildings deptt. Govt. of Gujarat, vide letter dated :03/07/2017 are included in this tender. Keeping in view these instruction,

- (1) All the rates quoted by the bidder will be treated inclusive of all applicable govt. taxes and **GST**.
- (2) Extra claim on account of any Govt. tax including GST will not be entertained by the state Government.



Special Condition

The unit rates of controlled cement concrete items for RCC work of Mix M-15, M-20, M-25, M-30 and M-35 included in tender are taken considering cement consumption as shown below in Table – A.

Table - A

Sr.	Grade of Controlled Cement	Cement Consumption as per	Remarks
No.	Concrete	SOR in Kg / Cum	
1	M-150 / M-15	290	
2	M-200 / M-20	360	
3	M-250 / M-25	380	
4	M-300 / M-30	410	
5	M-350 / M-35	425	

The contractor has to submit the mix design for different grades of Cement Concrete at his own cost as per norms from the Govt. Laboratory, before execution as directed and the same shall be got approved from the Principal. The rate of RCC items tendered by the contractor shall be reduced according to the cement consumption of the approved mix design. If the cement consumption of the mix design is less than as prescribed in Table-A. the recovery shall be made for the difference of lesser consumption of cement valued at the star rat eof cement mentioned in Clause – 59. The condition is also applicable to the (i) Excess quantity for RCC items & (ii) Extra item list. The condition is to be followed in addition to clause-14. This condition is not applicable to Ready Mix Concrete items.

If there will be any change in grade of concrete items, only the cost difference of cement will be paid / debited / deducted from concern item as per mix design.

Porbandar

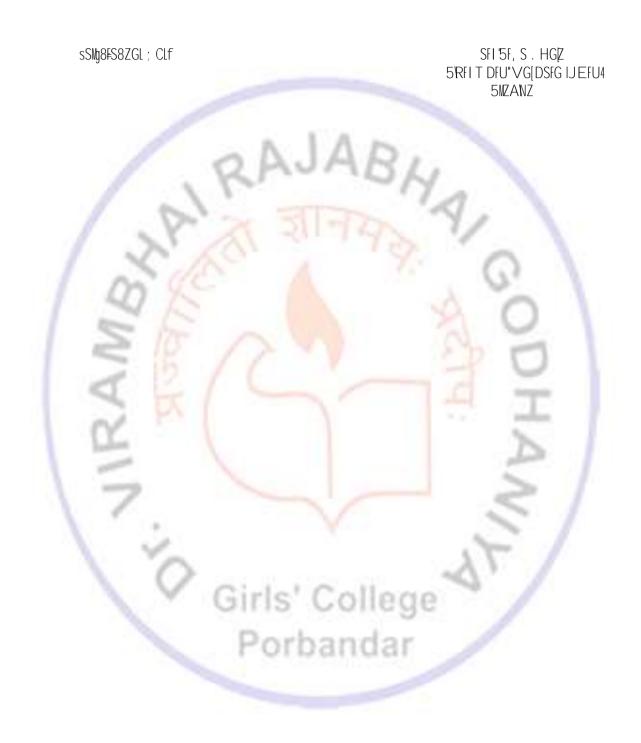
Principal R. & B. Division PORBANDAR

- 72 DF, ; FDFG 5ZL1F6 VU[8[:8GL ; b1F VG[:JLSTLGF WWZ6MNXFJT]5+S
U]6JtTF IGI DG DFU"VG[DSFG IJEFU

Sprs 8 8GL Jut 8 8GF WWZ6 5ZL1F6WGL : JLS1TGF WWZ6	
SSF; BLU 8F. D	
SSF; BLU 8F. D	
Second Color of the color of	
5_YL!8GvZ; \(\beta \), \(\beta \) \(\beta \) \(\beta \) \(\beta \), \(\beta \), \(\beta \), \(\beta \), \(\beta \) \(\beta \), \(\beta	
YI Z_ 8GV#; #5, Z_ YI #_ 8GV\$; #5, #_ YI 5_ 8GV5; #5, 5_ YI (_ 8GV*; #1, 7_ YI (_ 8GV*; #1, 8_ YI (_ 8GV*; #1, 9_ YI (_ 8GV*)	
ZYL #8Gv\$; \psi_5,	
#YL 58Gv5 ; #5, 5YL (8Gv&; #5, 5YL (8Gv*; #5, 5YL (8V) (8	
SBF OF. GG X SFR;	
(YL!#8Gv*; \$5, sBf 0F. GGX 5FR; \$5, DFYL V\$ 8\{8 sVF. PV\{P; U}}, D_DF. S\{\text{GGL}; UDFYL}_@ VUZ U})_DF. S\{\text{GF}} sUf Sg; L:8\{\text{g}; L8\{8}\} V\$; \$5, SNZ\{\$\text{g}; \text{g}5, p5Z D\{HA}f} s3f S\{\text{Sg}; L3\{8}\} +LHF NU; [V\{\text{PSLP}; \text{PDF8}[1!_S\{PU\{Pq}; \text{PDLP}^2\}\] V91 FUL; DF\{\text{NU}; [V\{PSLP}; \text{PDF8}[2!_S\{PU\{Pq}; \text{PDLP}^2\}\] V91 FUL; DF\{\text{NU}; [V\{PSLP}; \text{PDF8}[2!_S\{PU\{Pq}; \text{PDLP}^2\}\] sVf 0F. GGX 8\{\text{8}\} 5\{\text{10LS}; Z0\{\text{wJfZF}}\] SVf 0F. GGX 8\{\text{8}\} V\{\text{PSLP}; \text{PDF8}[2.#5; \text{DLQ\{FD}}\] sAf ZF; \{\text{116S}} \$\text{P D\{\text{G}X}\] D\{\text{NS}; \{\text{F. 0.} \text{8}\{\text{PV}\{NS}\}\}\] \$\text{P U\{\text{G}X}\] \\ \$\text{P U\{\text{G}X}\] \\ \$\text{SP} \\ \text{SP} \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
SBf OF. GG X SFR; 15, DF YL V S 8 sVF. PV ; P; J DF. S GGL; JDF YL)_@ VUZ JV SUf Sg; L: 8 g; L 8 g 8 V S; 5, SNZ S; 5, P5Z D HAf #_@ H B, S3f S S ; LJ 8 g 8 +LHF NLJ; VIP5LP; LP DF8 [! ! _ SLPU]Pq; PDLP² NZ S; 5, P5Z D HA ; FTDF NJ; DF 8 ZZ_ ISPUF q; PDLP² NZ S; 5, P5Z D HA ; FTDF NJ; DF 8 ZZ_ ISPUF q; PDLP² NZ S; 5, P5Z D HA ; FTDF NJ; DF 8 ZZ_ ISPUF q; PDLP² NZ S; 5, P5Z D HA ; FTDF NJ; DF 8 ZZ_ ISPUF q; PDLP² P5Z D HA SFR; 5, DF YL V S 8 SVf OF. GG X 8 g 8 VIP5LP; LP DF8 Z_#5; DLqUFD P5Z D HA SFR; 5, DF YL V S 8 SVF OF. GG X SER SUB; LO SER SUB; LO SER SER SER SER SER SER SER SER	
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NAME OF WORK :- REPAIRING AND RENOVATION AT VIRAMBHAI R. GODHANIYA COLLEGE OF ARTS, COMMERCE, HOMESCIENCE & IT FOR GIRLS, PORBANDAR

Material test schedule

Sr. No.	Materials to be tested	Name of laboratory test	Frequency of testing	Remarks
1	2	3	4	5
1	Cement	Consistency Initial & Final setting time Compressive strength Fineness Soundness Specific gravity Chemical analysis	Upto 50 M.T. = 1 Sample 50 to 100 M.T. = 2 Sample 100 to 200 M.T. = 3 Sample 200 to 300 M.T. = 4 Sample 300 to 500 M.T. = 5 Sample 500 to 800 M.T. = 6 Sample 800 to 1300 M.T. = 7 Sample and 8 Sample for large consignment	As per receipt of cement, one sample of 15 Kg. from 20 bags in consignment of 50 M.T. shall be taken for testing. Minimum one sample for each consignment less than 50 M.T. of cement received.
2	Sand	Fineness modules Specific gravity Water absorption Clay & Fine silt content Gradation test Pentography exclusiation	1 test per each source of supply per every working season.	Or as required while execution or change of quarry.
3	Crushed Stone aggregate (For concrete)	Specific gravity	1 Test / 150 Cu.m	Or as required while execution or change of quarry.

		Flakniness		
4	Water	Potability	1 test per each source of supply per every	Or as required while execution or
		Salinity	working season.	change of source.
		Chemical analysis	ALA	
5	H.B. Stone	Specific gravity	Upto 100 Cum. one Test	Or as required while execution or
	aggregate	Impact Value	THAT I	change of quarry.
		Flakiness		
		Abration Value	C DI TON	
		Crushing Test	180	
		Water Absorption	A 75 (C)	
6	T.M.T. steel	Elongation	One test per 20 M.T. for each categories &	Or as required while execution
		Tensile Strength	every lots supplied.	
		Bend and rebend test		
		Yield Strength		
		Dimension Test	1	
7	C.C. Cubes (Ordinary & Controlled C.C.)	Compressive Strength for 7	1 to 5 Cum. = 1 Test	Or as required while execution
		& 28 days	6 to 15 Cum = 2 Test	1
		DC \	16 to 30 Cum = 3 Test	
			31 to 50 Cum = 4 Test	
		1 -	51 & above 4 + 1 test each 50 Cum.	
8	White stone	Compressive strength	1 Test per working season per quarry	Or as required while execution
		Water absorption		
		Soundness		
9	Teak wood	Anatomy Test	1 Test per lot	Or as required while execution
		Density Test	irls' College	
		Moisture content Test		
10	Vitrified tiles /	Dimension Test	1 Test per manufacturer.	Or as required while execution
	Clazed tiple	Transverse Strength	01,00,001	
	Glazed tiels	Water Absorption		
		Abrasion Test		

11	Paving / Concrete block	Compressive strength	1 test per work or change of lot supplied.	Or as required while execution
12	Earth work	C.B.R. test (Soaked and unsoaked)	1 test per every 3000 Cum.	Or as required while execution
13	Crushed stone aggregate 40 to 63 mm. for W.B.M.	Aggregate Impact Value Flakiness Index Water absorption Gradation Stripping Value Soundness Crushing Strength	Up to 100 Cum. = 1 Test 101 to 500 Cum. = 3 Test 501 to 1500 Cum. = 5 Test 1501 to 5000 Cum. = 7 Test 5001 & above = 1 Additional Test	Or as required while execution
14	Soft Murrum / Binding materials	Atterbergs Limit	One Test / 50 Cum.	Or as required while execution

Note:-

- Testing of materials should be as per statement attached with the specification. The materials shall be tested in GERI Bill for testing shall be paid by the Deptt. and 1% (One percent) of amount put to tender from the running account bills of the work (As per G.R.(R&B) Deptt.No. TNC 1085/4/C Dt. 10-5-85.
- 2 Samples to be sent by contractor to GERI.

(Signature of Contractor)

Girls' College Porbandar Principal
Dr. V. R. Godhaniya College of Arts,
Commerce, Home Science and IT for
Girls,
Porbandar

Name of Work :- Reparing and renovation of Virambhai R. Godhaniya college of Arts, commerce, home science & IT for Girls, Porbandar

SPECIFICATION INDEX

Item No.	Description of Item	Item No / Page No. of corresponding applicable specification Booklet.
1	2	3
1	Excavation for foundation upto all depth including sorting and stacking of useful materials and disposing of the excavated stuff all lead & lift (Dense or hard soil)	Building works Booklet 4.00 (B) / 29
2	Providing and laying cement concrete 1:3:6(1-Cement:3-coarse sand:6-graded stone aggregate 40mm nominal size) and curing complete. excl. cost of formwork in (A) foundation and plinth	Building works Booklet 5.3.2(B) / 39
3	White stone bella masonary work in course in superstructure with stone of approved quality in cement mortar 1:5 (1 cement: 5 fine sand) including racking the joints etc complete. (Masonary GF)	Building works Booklet 7.0.0.3 / 62
4	Carring out plinth treatment to post construction / existing sturcture by spraying chemical solution for termite control treatment including labour and material consistment with ISI specification. Using chlordene and chiorpurfiles 20EC. As per 6131 paret II consentration weightt one percent is recommended i.e. one litre 20 EC chemical emulsion with 19 liter give 1% concrentration inclusive of one litre chemical emulsion application at the rate of 5 litre chemical/ sq.m of surface is recommended as per IS.	Building works Booklet 20.00.11/ 157
5	Providing and laying Granite stone slab 20mm base of Araldite chemicla and cement base redymade mortar for clading of Granite/tile slab including all material and labour with Cutting and rounding of edges of granite stone for window/door sill etc. complete as directed by EIC.	Building works Booklet 14.4(A) / 90 (The work be carried out for door & window sills with suitable adhesives & granite)

6	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 10 cm x 7 cm. size including anodized alluminium fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (ii) Fully Panelled.	Building works Booklet 10.1(A) / 68 10.12(A)(I) / 69
7	Providing and fixing 35 mm thick panelled, glazed or panelled and glazed shutters for Doors, windows and clerestory windows including anodized alluminium fixtures and fastenings and indian teak wood shutters with (A) Plywood sheet panels.	Building works Booklet 10.23 / 72
8	Providing and fixing FRP FRAME size 100 x 50 mm and 28 mm thick FRP Depress panel shutter having extra reinforcement in sides and edges and in Get coat finish. The core of the shutter and frame is to be filled up with injected fire retardant grade polyurethane foam done in situ along with embedded wooden pieces for stiffening and also taking hinges and fixtures. The whole FRP frame and shutter is to be water proof, weather proof, termile proof and resistant to mild acid/Alkali. Rates are to be inclusive of S.S. hinges with necessary screws and alluminium fixtures and fastening. Agency should have 3 years performance Guarantee and company have ISO 9001-2000 certificate.	As attached seperately
9	Providing and fixing extruded Alluminium Window colour powder coated section frame main outer size 63.5 x 38.10x1.95mm(jindal secton no 4605@ wt.1.094kg/Rmt) horizontal Two Track member size 61.85 x 31.75x1.20mm (jindal secton no 8687@wt.0.695kg/Rmt) vertical member size 61.85 x 31.75x1.3mm(jindal secton no 8758@wt.0.659kg/Rmt) with sliding shutters of horizontal member size 40 x 18x1.29mm (jindal secton no 8949@wt.0.456kg/Rmt) vertical member size 40 x 18x1.29mmm(jindal secton no 8949@wt.0.456kg/Rmt) with 5mm thick transparent bronze colour tinted float glass with powder coated alluminium fittings and fixtures and transparent sillicon sealant glass fixing to frame as per detail etc completeProviding and fixing Window having extruded alluminium Colour Powder Coated section frame main outer size 95mm x 24mm x 1.17mm (of Jindal Section No. 2459@Wt. of 0.738 Kg./mt.), horizontal Three Track member size 92mm x 31.75mm x 1.30mm (of Jindal Section No. 8688@Wt. 1.07 Kg./mt.), Vertical member of	As attached seperately

	size 92mm x 31.75mm x 1.50mm (of Jindal Section No. 8933 @ Wt. 1.06 Kg./mt.) with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm (of Jindal Section No. 8947 @ Wt. of 0.456 Kg./mt.), Vertical member of size 40mm x 18mm x 1.29mm (of Jindal Section No. 8949 @ wt. of 0.456 Kg./mt. with 5mm thick transparent bronze colour tinted float glass with powder coated alluminium fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc.	
10	Providing and fixing standard extruded of alluminium section of size 63mm x 38.10mm x 1.2mm (Jindal Section: 2434 @ Wt. 0.643 Kg. per mt.) with colour anodized alluminium frame for ventilation with 5mm thick frosted glass as details etc. complete for Ventilation	As attached seperately
11	Providing and fixing M.S.Grills of required pattern with M.S.Flats at required spacings and frame alround, square or round bar, with round headed bolts and nuts or by screws plain grill including approval quality of primer and two coat of oil painting etc.	As attached seperately
12	Providing and laying controlled C.C. M.150 & curing complete including the cost of form work but excluding the cost of reinforcement for reinforced concrete work in Slabs,landing,cantilevers for slab (GF Slab)	Building works Booklet 5.8.1.(C) / 46 9.1(B)(i) / 64
13	Providing T M T bar reinforcement for R.C.C. work including bending binding and placing in position complete up to All floor.	As attached seperately
14	Structural Steel work (Confirming to IS: 4923-1997) riveted, bolted or welded in built up for all type sections, in framed work, including cutting, hoisting, fixing in position and applying a primer coat of approved steel primer all complete as per the structural designs and directions of Engineer-in-Charge. Column (122 x 61 x 3.6mm	Building works Booklet 11.4 (A) / 80
15	Providing and fixing 6mm thick Lexan Polycarbonate Multi Wall roofing sheet fixed with hilti screw and rubber silicon sealer and alluminium strip of size 50 x 3mm etc. complete as directed by Engineer-in-Charge.	Building works Booklet 15.1 / 104 (The work be carried out with 6mm thick lexan polycarbonate multi wall roofing sheet)
16	Construction a cooking platform 60cm width and 70cm high resting on B.B. masonary walls 23cm thick in C.M. (1:6) with (ii) fixing black kadappa stone 30mm thick laid on precast RCC (1:2:4) slab with plastering on exposed faces of wall in C.M. (1:4) etc. complete.	Building works Booklet 20.00.3 (II) / 154

17	Providing and Laying 24"x24" Vitrified 8mm thick tiles flooring over 20mm(Average) base of cement mortar 1:6 (1-cement, 6-coarse sand) on new surface or fixing on existing flooring by adhesive material including dismentaling of existing flooring and jointed with colour cement slurry including finished with flush pointing & cleaning the surface etc. complete for light shed	Building works Booklet 14.29 / 96 (The work be carried out with 24"x24" Vitrified 8mm thick Light shade tiles)
18	Providing and laying Ceramic Flooring tiles 8mm thick in flooring treads of stes and landings laid on a bed of 12mm thick Cement Mortar 1:3 (1-Cement : 3-Coarse Sand) Finished with flush Pointing in white cement.	Building works Booklet 14.29 / 96
19	Providing and laying white glazed tiles 6mm thick in skrting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) and jointed with white cement slurry	Building works Booklet 14.32 / 97
20	Providing and laying cement concrete flooring 1:2:4(1 cement:2 coarse sand:4 graded stone aggregate 20 mm nominal size) laid in one layer finished with a floating coat of neat cement. 50 mm thick.	Building works Booklet 14.71 (A) / 100
21	Providing and laying polished kota stone slab flooring over 20mm (Average) thick base of cement mortar 1:6 (1-Cement:6-coarse sand) or L.M. 1:1.5 laid over and jointed with grey cement slurry including rubbing and polishing etc. comp. (A) 25mm thick	Building works Booklet 14.43 (A) / 98
22	Providing Water Proofing Treatment by means of water soluble silane reactive and penitrative chemical ZOCOSIL with using material of std. manufacture & approved as per recomanded by manufacturer and directed by Engineer-incharge. (water proofing roof/ slab seepage)	N. S. C.
23	Providing and laying broken chaina mosaic flooring for terrace using 12mm to 20mm broken piece of glazed tiles to be laid over cement mortar 1:3 to plain or s15cm along the wall clearing with water and oxalic acid etc as directed.	As attached seperately
24	Providing and fixing Pre-Cast rubber dye inter locking concrete block 60mm thick with grade of concrete M-200 Punumatic compressed by mechanically pressed and as per approved design including 75mm sand layer for levelling and filling the joint with sand in proper line and level.	As attached seperately
25	Providing 20 mm thick Double coat mala cement plaster on interior brick/ concrete work comprising of base coat of 12mm thick cement plaster in cement mortar (1 cement: 4 coarse	Building works Booklet 17.61(II) / 121 17.69 / 121 (The work shall be carried for

	sand) in roubh finishing and 8mm thick top coat of cement mortar 1:2 (1 cement : 2 coarse sand) finished with trovel including scaffolding curing etc. comp. for Ground Floor	Mala Troweled finished as directed.)
26	20mm thick sand faced cement plaster on walls upto height 10 metres above ground level consisting of 12mm thick backing coat of C.M. 1:3 (1-cement :3-sand) and 8mm thick finishing coat of C.M. 1:1 (1-Cement: 1-sand) etc. complete.	Building works Booklet 17.61(II) / 121 17.69 / 121 17.94 (I) / 122 (The work shall be carried for Mala Troweled finished as directed.)
27	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surface to give an even shade including throughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.	Building works Booklet 18.57 / 136
28	Providing and fixing 40mm panalled, glazed or panelled and glazed partitions fixed to frames with irn screws etc. complete with indian teak wood.	Building works Booklet 10.84 / 74
29	Providing and fixing Plain or Printed PVC Sheet Wall panelling of thickness 5mm consisting of panels having size 1220mm x 2440mm stuck on inner frame work of 50mm wide strips of 5mm thick PVC sheet. The strips should have in their centre a groove of 6mm width and 1mm depth of sinking the head of screw used to fix the strips to the wall and should be placed vertically at equal intervals of 10" centre to centre. The PVC strips shall be fixed to the wall using 65mm long M.S. screws through the groove in the strip by using PVC fasteaners. The distance between two screw's shall not be more than 20mm. A groove 2mm may be left at the joint of two panel for aesthetic looks. The exact size of the panel and correspondingly of the gird may vary depending on the size of the wall.	Building works Booklet 10.85 / 74 (The work shall be carried with PVC sheet wall panel of 5mm thickness)
30	Providing and plywood lining with but jointed and nails (frame work and cover fillets to be paid separately) (i) 9mm thick ply	Building works Booklet 16.13 (II) / 117
31	Providing and fixing single layer waterproof gypsm board 12.5mm thick of the make newgood groop co. ltd. Or equivalent & newgood group co. ltd. Sections using waterproof board of size 1220x1830x12mm suspended by GI suspender of size 25x3mm with itermideiate channel of size 18x40x0.80mm at 1220m center to center celing section of size 40x35x0.55mm at 457mm	Building works Booklet 16.21 (I) / 117 (item is

	center to center and perimeter channel A of size20x27x30x0.5mm at deges & drops including paper tap sand sofit cleat, anchor fastern, scoch bolt connecting cleat joining compound top coat on ceiling including making necessary opening for light fitting, diffuse etc. complete as per detail drawig as directed.	
32	Providing, Laying and jointing in true line and level UPVC SWR type B-type conforming to Is 13592-1992 with one end other end socketed with rubbering & fitting conforming to Is 14735-1999 of approved make for drainage system pipe line, pipe shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 160mm dia x 210 length x 196m high at every 2000mm centerto cnter or shall be concealed in wall as directed including necessary fittings such bends, shoes etc. inlcudimng testing of pipes and joints and jointed with achesive solvent cement including cost of materials and labour. (B) 110 diameter	Building works Booklet 23.8 / 173 (UPVC SWR type B to be used)
33	Providing, laying and jointing in true line and level U.P.V.C. Pipe (SCH-40) line including fitting of PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent or as approved by Engineer-in-Charge. Pipe shall be fixed on the wall with the help of clamp at every two meter C/C or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials. 15mm, 20mm, 25mm,40mm, 50mm	Building works Booklet 23.2 / 160 (UPVC pipe (SCH-40) to be used)
34	Providing and fixing PVC SWR Nahni Trap IS 14735 for drain with jali of the following nominal diameter of self cleansing design with C.I. Scrwed down or hinged grating including the cost of cutting and making good the walls. (A) 100mm diameter	Building works Booklet 23.87 / 164 (PVC nahni trap to be used)
35	Providing erecting fixing double coated Sintex of Equivalent PVC (ISI) Mark Water Tank of Required Capaicty each with all necessary fittings & connection etc.complete on Terrace.	As attached seperately
36	Providing and fixing wash down water closet (European type W.C.) with integral P or S trap including flush, cover and jointing the trap with 50 m pipe in C.M. 1:1 (1-cement : 1-fine sand)	Building works Booklet 23.112(A) (I) /163
37	Providing and fixing wash basin with single hole for pillar tap with CI or MS brackets painted white including cutting holes including	Building works Bookle 23.127/167 23.135(A)/168 23.96 (A) / 171

	pillar tap, stop cock PVC connection and PVC wash pipe complete flat back wash basin with all connections, fixtures & fastening as per requirement & instructions. (A) vitreous china (ii) flat back wash basin 550x400 mm size (i) white colour	
38	Providing and fixing gun metal check or non-return full way valve (D) 32mm dia	Building works Booklet 23.99 (D) / 171
39	Providing and fixing brass screw down bib taps of following size. (B) Brass chromium plated screws down Bib Tap. (i) 15mm dia.	Building works Booklet 23.92 (B) (I) / 170
40	Demolition including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift. (i) R.C.C. work	Building works Booklet 20.3 / 147
41	Demolition of Brick work and stone masonry including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift. (ii) In Cement Mortar.	Building works Booklet 20.11 (III) / 148
42	Dismentaling tiled or stone floors laid in mortar including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.	Building works Booklet 20.23 / 148
43	Dismentling doors, windows, ventilators etc. (wood or steel) shutters including chowkhats architraves, holdfasts and other attachment etc. complete and stacking them within all lead and lift. (i) Not exceeding 3 Sq.M. in area.	Building works Booklet 20.49 (I) / 150
44	Dismentling doors, windows, ventilators etc. (wood or steel) shutters including chowkhats architraves, holdfasts and other attachment etc. complete and stacking them within all lead and lift. (i) exceeding 3 Sq.M. in area.	Building works Booklet 20.49 (II) / 150
45	Removing and scraping of old deteriorated plaster of any thickness from wall / RCC member including stacking of servicable material and disposal of unserviceable from site of work with all lead and lift.	ge
46	dismantling sanitary fittings like wash basin, WC pan indian and european type, flush tank etc. inlcluding stacking the materils with all lead and lift	Building works Booklet 20.001 / 151
47	Scrap value of Steel	
48	Scrap value of wooden door and windows	

Item No.:-

Providing & fixing Aluminum anodized louvered ventilator using frame section of 100x40x1.3mm having weight 0.976 kg/mtr alluminum louvered of standard make three blade of 100mm wide 4mm thick copper tintedfloat glass including necessary fixtures and fastening etc. comp. as directed by engineer in charge. (R A)

MATERIALS:

Alluminium section shall confirm to M-31 of General Technical Specification for building works book-let.

The section shall be as specified in the drawing and design. A suitable lock, hinge shall be of approved quality.

The glasses of 5mm thick transperant glass shall confirm to M-38 of General Technical Specification for building works book-let.

The work in general shall be carried out as per specification as describe in item or as per direction of the Engineer-in-charge, are to be for this item or as per the detailed drawings supplied by the Architect to the Govt.

FRAME

The standard extruded aluminum section frame shall be of size 50.80 x 25.40mm (Jindal section: No. 20016 Wt 0.772 Kg /Rmt.) with colour anodized alluminium frame. The frame shall be fixed to masonary or RCC with screws embedded in wall. Frame shall be straight and shall have smooth wall faces at right angle to each other. The properly hold fasting the frame by long screw embedded in walls with roul plugs

GLAZING AND RUBBER BIDDING

5 mm thick transperant glass be provided for louvered, glass of best quality, and approved design free from specks, rubbles, smokes, veins, fair, holes and other defects. The glass shall be conform to M-38 of specification book. Rubber beanding shall be best quality and fixed in frame property with glass to shutters louvered shall be fix in to heavy gauge aluminum anodized louvered channel.

FIXTURE AND FASTENING

The required fixtures and fastening like aluminum handles, stoppers, locks, pivot shall be fixed in shutter as per directed. The fixture and fastenings shall be provided as per general specification annexure – II, Page No. 188 to 189.

MODE OF MEASUREMENT AND PAYMENT

The measurement shall be taken in Sqm. of net area and shall be paid for one Sqm. Unit. The rate shall include cost of all materials, labours, fixture, fastening, glasses etc. required in operation described under workmanship.

The rate shall include the cost of all materials, aluminum sections, glass, hold fast, coat bolts etc. and labour and scaffolding etc. involved in the operation said above. It shall also inclusive the cost of anodizing, and work shall be carried out for all floor.

The windows shall be measured in Sqm. correct to a centimeter of outer edge of frames.

The rate shall be for a unit of One Sqm.

The payment shall be made on one Sqm. basis.



Item No. :- 35

Providing & Fixing FRP frame size 100x50mm and 28mm thick FRP Depress panel shutter having extra reinforcement on sides and edges and in gel coat finish. The core of the shutter is to be filled up with injected fire retardant grade polyurethane foam done insitu along with embedded wooden pieces for stiffening and also for taking hinges and fixtures. The whole FRP Frame and shutter is to be water proof, weather proof, termite proof and resistance to mild acid/alkali. Rate are to inclusive of s.s. hinges with nessary screws and alluminium fixtures and fastening. Product should have 3 years performance guaranctee & company have Is 9001-2000 certificate. { It. no. 10037 Pg 135}

1.0 MATERIALS:- [FRAME]

The frame materials shall be fiber reinforced plastic of section chamfered type with thickness of 100 x 50 MM and 2mm thick core materials shall be rigid polyurethane foam PUF having density 32 to 36 Kg./M³. Compressive strength 1.8 to 2.0 Kg./Cm². flexural strength 3.5 to 4.5 Kg./CM². Material used in the frame shall be fire retardant water proof, weather proof and mild steel acid/alkali resistance. PUF foam shall be done in suit with plantation blocks for fixtures. It shall be finished with gel coat of approved design and colour. 16mm Square of 16 gauge of M.S. Steel Shall be provided alround the frame.

2.0 MATERIALS:- [SHUTTERS]

28MM thick shutters with depressed panelled design with 100 x 50mm FRP thickness. Core laminated shall be rigid polyurethane PUF having density 32 to 36K&/M² and compressive strength 1.8 to 2.0 Kg./M³ flexed strength 3.5 to 4.5 Kg./CM² and fire retardant grade PU foam done in suit and sandwich panel of 4MM plywood moulded in wooden block. Shutters shall be water proof weather proof and mild steel acid/alkali resistance. It shall be finished with gel coat of approved design and colour.

3.0 FRAME:-

The frame shall straight in line level and joint-less pieces. Frame shall be fixed with appropriate / coatch bolts fro hold fasting in concrete wall selected in position as directed and finished with gel coat colour. 16mm Square of 16 gauge of M.S. Steel Shall be provided alround the frame.

Porbandar

4.0 SHUTTERS

28MM thick depressed panelled FRP shutters shall be joint-less. It shall be straight and smooth and of standard shape at size with gel coat. All necessary fixtures and fastenings shall be fixed where wooden block is provided.

5.0 WORKMANSHIP:

Frame shall be fixed in masonry R.C.C. in line level and plumb with minimum three screws with sleeve each side i.e. one is on centre point and other two are on 30 Cms. From the and bottom of frame. In case of windows and ventilators frames whose height is less than 1.0 Meter. Two screws with sleeve each side shall be fixed. The frame shall be fixed with M.S. hold fast in masonry walls and with coach bolts in RCC members as directed.

6.0 WORKMANSHIP:- [SHUTTERS]

FRP shutter shall be fixed in true line level and proper manner having 2.0 to 3.0 MM play i.e. air spa. For smooth and easy working. Three stainless steel hinges shall fixed properly with necessary screws.

7.0 FIXTURES AND FASTENINGS:-

The shutter should be fixed with stainless steel hinges and all other fixtures shall be of anodized aluminum aldraps like-latch, stopper, handle shall be fixed with shutter as per schedule general specification booklet page no. 166 and got approved before fixing.

8.0 GUARANTEE FOR THREE YEARS:-

The contractor shall produce Guarantee Bond equivalent to 5% of this item for Guarantee of FRP frame. The Guarantee shall be produced on Non Judicial Stamp Paper of Rs. 100/-as prescribed below:

FORM OF GUARANTEE BOND :

(Contractor) here by give the guarantee that work shall remain unaffected and all members of frames and shutter will not shrink, wrap or bow and fixtures and fastenings and screws will not be found displaced or become loose for a period of 3 - Years after completion of work as per terms and considition of contract. And it will be guarantee to re-do the effective work without claiming any extra cost of guarantee shall be remain binding the contractor for the period of 3-years from the completion of the work under contract.

The deposit at the rate of 10% of the cost of this item from the running and final bill shall be recovered and retained for the first one year after completion of the work and 5% shall be retained for the balance of guarantee period and shall be refund only after the completion of the guarantee period.

9.0 MODE OF MEASUREMENTS AND PAYMENTS

- (I) This item includes providing and fixing charges with necessary stainless steel hinges, aluminum fixture and fastening with screws and steav and MS hold fast, and coach bolts.
- (ii) Door shall be measured in Sqmt and carpet upto 1.00 cm
- (iii) The rate included the cost of all materials and all labours, involve to complete and finished this item. It shall also include all fixture and fastenings.
- (iv) The rate shall be for a unit of One Sqmt



Item No. :- 52

Providing and laying broken China Mosaic Flooring for tarrace using 12mm to 20mm broken pices of glased tiles to be laid over cement mortar 1:3 to plain or slope and to be tempered to bring mortar crème out upto surface using white cement including rounding off junctions and extending tem upto to 15cm along the wall, clearing wiht water and oxalic acid etc. as directed. { It no. 14035 Pg. 193}

1.0 MATERIAL:-

Water shall be conform to M-1. Cement mortar shall conform to M-3. China mosaic tiles pieces in random size shall conform to M-55 sand shall be conform M-6. and water proofing material of approved quality.

2.0 WORKMANSHIP:-

- The grooves are made at height of 150mm on parapet from finished roof. surface all along vertical parapet.
- The Roof Surface shall be cleaned, wetted and mopped. The bedding shall then be laid evently over the surface tamped and corrected to desired level and allowed to harden enough to offer a rigid cushion to tiles and to enable the mason to place wooden planks across and squat on it.
- The China Mosaic tiles shall be laid on cement mortar bedding 20mm thick in C.M. 1:3. The mortar shall have sufficient plasticity for laying and there shall be no hard lumps that would interfere with the evenness of beading. The base shall than the spread in thickness not less than 20mm at any place and average 20mm thickness. The proportion of the cement mortar shall be as specified in the item.

2.2 Fixing tiles:

- 2.2.1 The tiles before laying shall be soaked in water for atleast two hours. Neat grey cement grout of honey like consistency shall be over the mortar bedding as directed. Uneven size of the tilles shall be smeared with neat cement slurry. The tiles shall be well pressed and gently tapped with a wooden mallet till they are properly bedding and in level with the adjoining tiles. Then shall be no hollows in bed or joints. The joints between the tiles shall be as thin as possible in as per pattern and work shall be carried out in ture in line and level direction of Engineer-in-Charge.
- 2.2.2 The joints shall be filled with grey cement grout with wire brush or trowel to a depth of 5mm and loose material removed. White cement shall be used for pointing the joints. After fixing the tiles finally in an even plane the flooring be kept wet and allowed to nature undisturbed for 7 Days.

2.3 Cleaning:-

The surplus cement grout that may have come out the joints shall be cleaned off before its sets. Once the floor has set, it shall be carefully washed, cleared by dilute acid and dried. Proper precautions and measures shall be taken to ensure that the tiles are not damaged in any way till the completion of the construction.

After finishing the whole terrace shall flooded with water for a period of two weaks.

3.0 MODE OF MEASUREMENT & PAYMENT :-

- 3.1 The work done shall be measured in Sqmt. for visible area of work done. The length and width of the following shall be measured between the faces of skirting or dedos or plastered face of wall as the case may be. The paving under dedo or skirting shall not be measured. No deduction shall be paid nor extra paid for any opening in the floor of area to 0.1 Sqmt. nothing extra shall be paid for laying the floors at different levels in the same rooms.
- 3.2 The whole work shall have a guarantee for five year against any type of leakages. The part or whole work shall be made good by the agency if required duly guarantee period.
- 3..3 The rate shall be for a unit for a one Sqmt. for Plan area only.



Item No.: 71

Providing, erecting and fixing Double coated Sintex or equivalent PVC water storage tank of required capacity each with all necessary fittings & connection etc. Complete on terrace. { It. No. 22014 Pg. 238}

General

The work shall be carried out as per instructions of the Engineer in charge. Syntax or equivalent make water tank shall be moulded in one tough place without any seams, joints to joints or welds on an exclusive rotational moulding process special F.D.A. approved panelled of polyethylene. Syntax water tank shall be fixed as and where directed by the Engineer-in-charge.

Materials

Syntax or equivalent water tank shall be made from dense polythene framed polythene and shall be moulded at atmosphere pressure.

Mode of work:

PVC water tank shall be fixed as and where directed by the Engineer in charge and shall be of single wall or patented Tripu wall construction. Water tank shall be fitted over platform support structure of support structure either from brick or mild steel training work. The payment of same shall be made separately in respective items.

Fixture and fastening required for overflow wash out supply and deliver line shall be of required size and approved quality and make but value shall be fixed in tank and necessary arrangement shall be made for all fitting like C.I. pipe valves and other accessories connected with the water tank.

Mode of Measurement and payment:

The rate includes supplying and fixing water tank on site with all fittings labour etc. as required.

The volume of tank shall be work out by measuring clean inside dimension of tank. A tar for diameter for round tank or length and breadth for rectangular

tank and height shall be measured iron bottom or wash out pipes to bottom of overflow pipe.

The payment shall be made on one liter basis of water tank fixed on site.



Item No.: 85

Providing and fixing MS grill of required pattern to wooden frame of windows etc. with MS flats at required spacing and frame alround square of round bar with round headed bolts and nuts or by screws etc. complete. (It.No.10024A Pg. 130)

Materials

The structural steel work shall conform to M-22 Red lead paint primer shall conform to I.S. 102 – 1962.

Workmanship:

The pipe & sections of 50 x 30 x 2 mm. & 16 mm. dia M.S. polished bar as specified or required shall be cut. square and to correct lengths as per drawings and design. The cut ends exposed to view shall be finished smooth. No Two pieces shall be welded or otherwise jointed to made up the required length of member, except as indicated in the drawing or as directed. All straighting and shaping to form shall be done by application of pressure and not by hammering. Any bending or cutting shall be carried out in such a manner as not to impair the strength of the metal. All operations shall be done in cold state unless otherwise directed / permitted.

General accuracy shall be observed in fabrication of various member, so that these can be assembled without being unduly packed, strained or forced into position and when built up, shall be true and free from twists, bricks, buckles or open joints.

Primer coat shall be as per Item 19.2 / P. 139 and two coats of matt finished oil paints shall be as per It. 19.7 / P. 138 of general technical specifications for building works book-let.

MODE OF MEASUREMENT AND PAYMENT:

The measurement shall be taken in Kg. of net area and shall be paid on Sq. meter unit.

The rate shall include cost of all materials, labours, fixtures, lock, glasses etc. required in operation describe under workmanship.

The payment shall be made on one Kg. basis of finished work

<u>Item No.:- 5</u>

Providing TMT FE-500 bar reinforcement for R.C.C. work including bending with 18 Guage binding wire and placing in position complete up to All floor.

2.0 MATERIAL

- 2.1 TMT Bars / CRS Steel
 Reinforcements may be either E.M.T. tensile steel, hight strength deformed bars. They may be uncoated or coated with epoxy or with approved protective coatings.
- 2.2 T.M.T. bars reinforcement for RCC work shall conform IS 432 (Part II) 1966 and shall be of tested quality. It shall also comply with relevant part of IS 456-1966.
- 2.3 All reinforcement shall be clean and free from dirt, paint, grease or oil, all scale or loose or thick rust at the time of placing.
- 2.4 All steel shall be procured form original producers no re-rolled steel shall be incorporated in the work.
- 2.5 Only new steel shall be delivered to the site every bar shall be inspected before placing to its position and defective brittle or burnt bar shall be discarded cracked ends of bars shall be discarded

3.0 Pitch

3.1 Distance between bars shall be as specified in drawings and as directed by the Principal all bars shall be laced at an accurate distance from each other and shall be bind tightly to maintain the desired pitch Suitable means shall be provided for holding bars securely in position.

4.0 Binding Wire

- 4.1 Mild steel binding wire shall be of 1.63 mm or 1.22 mm (16 to 18 gauge diameter and shall onform IS 280-1972
- 4.2 The use of black wire will be permitted for binding reinforcement bars. It shall be free form free from dirt, paint, grease or oil, oil scale or loose or thich rust and any other undesirable coating which may prevent adhesion of cement mortar at the time of binding.
- 4.3 Only new binding wire shall be delivered to the site all binding wire shall be inspected before binding to its position and defective brittle, rusted, used wire, shall be discarded.

5.0 PROTECTION OF REINFORCEMENT

- 5.1 Uncoated reinforcing steel shall be protected from rusting or chloride contamination. Reinforcements shall be free from rust, mortar, loose mill scale, grease, oil or paints. This may be ensured either by using reinforcement fresh from the factory or thoroughly cleaning all reinforcement to remove rust using any suitable method such as sand blasting, mechanical wire brushing, etc. as directed by the Engineer. Reinforcements shall be stored on bricks racks or platforms and above the ground in a clean and dry condition and shall be suitably marked to facilitate inspection and identification.
- 5.2 Portions of uncoated reinforcing steel and dowels projecting from concrete shall be protected within one week after initial placing of concrete with a brush coat of neat cement mixed with water to a consistency, of thick paint. This coating shall be removed by lightly tapping with a hammer or other tool not more than one week before placing of the adjacent pour of concrete. Coated reinforcing steel

shall be protected against damage to the coating. If the coating on the bars is damaged during transportation or handling and cannot be repaired, the same shall be rejected.

6.0 workmanship

- 6.1 The work shall consist of furnishing and placing reinforcement to the shape and dimensions shown as on the drawings or as directed by the Principal.
- **6.2** Reinforcing steel shall conform accurate to the dimensions given in the bar bending schedules shown on relevant drawing.

7.0 BENDING OF REINFORCEMENT

- **7.1** Bar bend g schedule shall be furnished by the Contractor and got approved by the Engineer before start of work.
- **7.2** Reinforcing steel shall conform to the dimensions and shapes given in the approved bar bending schedules.
- 7.3 Bars shall be bent cold to the specified shape and dimensions or directed by the Engineer using a proper bar bender operated by hand power to obtain the correct radius of bends and shape.

Bars shall not be bent or straightened in a manner that will damage parent material or the coating bars bent during transport or handilng shall, be straightened before being used on work and shall not be heated to facilitate straightening.

8.0 PLACING OF REINFORCMENT

- 8.1 The reinforcement cage should generally be fabricated in the yard at ground level, and then shifted and placed in position. The reinforcement shall be placed strictly, in accordance with the drawings and shall be assembled in position, only when structure is otherwise ready for placing of concrete. Prolonged time gap, between assembling of reinforcements and casting of concrete, which may result in rust formation on the surface, shall not be permitted.
- 8.2 Reinforcement bars shall be [placed accurately in position as shown on the drawings. The bars, crossing one another shall be tied together at every intersection with binding wire (annealed), conforming to IS:280 to make the skeleton of the reinforcement rigid such that the reinforcement does not get displaced during placing of concrete, or any other operation. The diameter of binding wire shall not be less than 1 mm.
- 8.3 Bars shall be kept in position usually by the following methods:
 In case of beam an slab be placed between the bars and formwork subject to Satisfactory evidence that the polymer composition is not harmful to concrete and reinforcement. Cover blocks made of concrete may be permitted by the Engineer, provided they have the same strength and specification as those of the member.
- 8.4 In case of dowels for Columns and walls the vertical reinforcement shall be kept in position by means of timber templates with slots in them accurately, or with cover blocks tied to the Reinforcement. Timber templates shall be removed after the concreting has progressed up to a level just below their location.
- 8.5 Layers of reinforcements shall be separated by spacer bars at approximately one meter intervals. The minimum diameter of spacer bars shall be 12 mm or : equal to maximum size of main reinforcement or maximum size of coarse aggregate, whichever is greater. Horizontal reinforcement shall not bee, allowed to sag between supports.

- 8.6 Necessary stays, blocks, metal chairs, spacers, metal hangers supporting wires etc, or other subsidiary, reinforcement shall be provided to fix the reinforcements firmly in its correct position.
- **8.7** Use of pebbles, broken stone, metal pipe, brick, mortar or wooden blocks etc as devices for positioning reinforcement shall not be permitted.
- 8.8 Bars coated with epoxy or any other approved protective coating shall be placed on supports that do not damage the coating. Supports shall be installed in a manner such that planes of weakness are not created in hardened concrete. The coated reinforcing steel shall be hled in place by use of plastic or plastic coated binding wires especially manufactured for the purpose.
- 8.9 Placing and fixing of reinforcement shall be inspected and approved by the Engineer before concrete is deposited.

9.0 Lapping

9.1 All reinforcement shall be furnished in full lengths as indicated on the drawing. No splicing of bars, except where shown on the drawing: will be permitted without approval of the Engineer. The lengths of the splice shall be as indicated on drawing or as approved by the Engineer. Where practicable, overlapping bars shall not touch each other, and shall be kept apart by 25 mm or 111/4 times the maximum size of coarse aggregate, whichever is greater, if this is not feasible, overlapping bars shall be bound with annealed steel binding wire, not less than 1 mm diameter and twisted tight in such a manner as to maintain minimum clear cover to the reinforcement from the concrete surface. Lapped splices shall be staggered or located at points, along the span where stresses are low.

10.0 Welding

- Splicing by welding of reinforcement will be permitted only if detailed on the drawing or approved 10.1 by the Engineer. Weld shall develop an ultimate strength equal to or greater than that of the bars connected.
- 10.2 While welding may be permitted for T.M.T. reinforcing bars conforming to IS: 432, welding of deformed bars conforming to IS:1786 shall in general be prohibited. Welding grade of S 415 grade bars conforming to IS: 1786, for which necessary chemical analysis has been secured and the carbon equivalent (CE) calculated from the chemical composition using the formula:

$$CE = C \quad \underline{Mn} \qquad + \qquad \underline{Cr + Mg + V} \qquad + \qquad \underline{Ni + Cu}$$

$$5 \qquad \qquad 15$$

is 0.4 or less.

- The method of welding shall conform to IS:2751 and IS:9417 and to any supplemental specifications 10.3 to the satisfaction of the Engineer.
- 10.4 Bars shall be bent could to the specified shape and dimensions or as directed by Principal using the proper bender tool, operated by hand or power to attain proper radius of bends. Bars shall not be bend or straightened in a manner that will injure the material. Bars bent during transport or handling shall be straightened before being used in the work. Bars shall not be heated to facilate bending.
- 10.5 Unless otherwise specified a 'U' type hook at the end of each bar shall invariably be provided to main reinforcement. The radius of the bane shall not be less then twice the diameter of the round bar and the length of the straight part of the bar beyond the end of the curve shall be at least four times of the diameter of the round bar. In case of bars which are not round and in case of deformed bars, the

diameter shall be taken as the diameter of circle having an equivalent effective area. The hooks shall be suitably encased to prevent any spiting of the concrete.

- 10.6 All reinforcement bars shall be accurately placed in exact position shown on the drawings and shall be securely held in position during placing of concrete by annealed binding wire not less than 1 mm in size and by using say blocks or metal chairs spacers, metal hangers, supporting wires or other approved devices at sufficiently close intervals. Bars shall not be allowed to sag between supports not displaced during concreting or any other operations of the work. All devices used for positioning shall be of not corrodible material wooden and metal supports shall not extended to the surface of the concrete, except where shown in drawings. Placing bars on layes of freshly laid concrete as the work progresses for adjusting bars spacing shall not be allowed. Pieces of broken stone or brick and wooden blocks shall not be used. Layers of bars shall be separated by spacer bars pre-cast mortar blocks or other approved devices. Reinforcement after bending placed in position shall be maintained in a clean condition until completely embedded in concrete, special care shall be exercised to prevent any displacement of reinforcement in concrete already placed. To prevent reinforcement form corrosion, concrete cover shal be provided as indicated on drawings. All bars protruding from concrete and to which other bars are to be sliced and which are likely to be exposed for a period exceeding 10 days shall be protected by a thick coat of neat cement grout.
- 10.7 Bars crossing each other where required shall be secured by binding wire (annealed) of size not less than 1 mm in such a manner that they do not slip over at the time of fixing and concreting. As far possible bars of fll length shall be used in case this is not possible, overlapping of bars shall be done as directed by the Engineer in charge When practicable overlapping bars ahall not touch each other, but be kept apart by 25 mm Where no feasible overlapping bars shall be bound with annealed wires not less than 1 mm thick twisted tight. The overlaps shall be staggered for different bars and located at points along the span where neither sheer not bending moments is maximum.
- 10.8 Whenever indicated on drawing or desired the Engineer in charge bars shall be jointed by coupling which shall have a cross section sufficient to transmit the full stresses of bars. The end of the bars that are jointed by coupling shall be upset for sufficient length so that the effective cross section at the base of threads is not less than the normal cross section of the bar. Threads shall be standards threads Steel threads Steel for coupling shall conform to IS: 225.
- 10.9 When permitted or specified on the drawings joints of reinforcement bars shall bult-welded so as to transmit their full stresses Welded joints shall preferably be located at points when steel will not be subject to more than 75 percent of the maximm permissible stresses and welds so staggered that at any one section not more than 20 percent of the rods are welded only electric are welding using a process which excludes air form the molten metal and conforms to any or other special provisions for the work shall be accepted Suitable means shall be provided for holding bars securely in position during welding it shall be ensured that no voids are left in welding and when welding is done in two or three stages previous surface shall be cleaned properly Ends of bars shall be cleaned of all loose scale rust stages paint and other foreign matter before welding only competent welders shall be employed on the work. The M.S. electrodes used for welding shall conform IS: 814 Welded pieces of reinforcement shall be tested. Specimen shall be taken form the actual site and their number shall frequency to test shall be as directed by the Engineer in charge.

11.0 MODE OF MEASUREMENTS & PAYMENT

11.1 For the purpose of payment the bar shall be measured correct up to 10 mm length and weight payable works out at the rate specified below.

Sr.	Diameter of	Weight of steel per	Sr.	Diameter	Weight of steel per
No.	Steel	running meter	No.	of Steel	running meter
1	6 mm	0.22 Kg / Rmt	8	20 mm	2.47 Kg/ Rmt

2	8 mm	0.39 Kg / Rmt	9	22 mm	2.98 Kg/ Rmt
3	10 mm	0.62 Kg/ Rmt	10	25 mm	3.85 Kg/ Rmt
4	12 mm	0.89 Kg/ Rmt	11	28 mm	4.83 Kg/ Rmt
5	14 mm	1.21 Kg/ Rmt	12	32 mm	6.31 Kg/ Rmt
6	16 mm	1.58 Kg/ Rmt	13	36 mm	7.99 Kg/ Rmt
7	18 mm	2.00 Kg/ Rmt	14	40 mm	9.86 Kg/ Rmt

- 11.1 Excess consumption over 5 % will be charged at penal rate.
- 11.2 Reinforcement shall be measured in length including hooks. If any, separately for different diameters as actually used in work, excluding overlaps. From the length so measured, the weight of reinforcement shall be calculated in tones on the basis of IS:1732. Wastage, Overlaps, couplings, welded joints, spacer bars, chairs, stays, hangers and annealed steel wire or other methods for bidning and placing shall not be measured and cost of these itmes shall be deemed to be included in the rates for reinforcement.
- 11.3 The contract unit rate for coated / uncoated reinforcement shall cover the cost of material, fabricating, transporting, storing, bending, placing binding and fixing in position as shown on the drawings as per these specifications and as directed by the Engineer, including all labour, equipment, supplies incidentals, sampling, testing and supervision.
- 11.4 The rate shall be for a unit of One Kg.



<u>Item No.: 91</u>

Providing Laying and Jointing in true line and level 110 mm dia.U.P.V.C. SWR Type B pipe Conforming to IS 13592-1992 With one end plain and other end socketed with rubbering & fitting conforming to ISI 14735-1999 Of approved make for drainage system pipe line, shall be jointed with each other with rubber lubricant pipe shall be fixed on the wall using of PVC clamp of the size 110 mm di x 149 mm lenght x 145 mm high at every 2000 mm center to center or shall be concealed in wall as directed including necessary fittinge such as bends, shoes ets. including testing of pipe and joints and jointed with adhesive solvent cement including cost of all materials. (SOR It No 23067 / Pg. 255)

1.0 Materials:

U PVC SWR type-B tubes of specified dia. nominal bore shall conform to as per conforming to IS 13592-1992.

The U PVC SWR fitting, clamps etc. required for specified dia bore pipes shall be to best quality and make as approved by the Engineer-in-charge.

2.0 Workmanshp:

2.1 Cutting, Laying and jointing:

- 2.1.1 When the tubes are to be cut of re-threaded the ends shall be carefully filed out, so that no obstruction to bore in offered the ends of the tubes shall other end socketed with rubbering and fitting conforming to ISI 14735-1999 of approved make for drainage system pipe line, pipe shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 110 mm diameter x 149mm length x 145mm high at every 2000 mm center to center or shall be concealed in walls as directed by the engineer in charge.
- 2.1.2 Sealant adhesive may be used for 100% leak proof joint. For joints coupling required between PVC & GI, if required, it is preferable that PVC forms the make portion. For tap connection, ensure the shortest possible projection from the wall use of Teflon tape is also suggested for perfect leak proof joints.

For taking PVC pipe outlet form a masonry water tank, applying a thin coat of PVC solvent cement on the external portion of pipe section to be embedded in concrete. Sprinkle fine sand on it and allow it to set, fill up the gaps between pipe and the hole with water proofing cement.

2.2 Fixing of tube fittings to wall, ceiling and floors:

2.2.1 In case of fixing of tubes and fitting to the walls or ceilings these shall run on the surface of the wall or ceiling (not in chase) unless otherwise specified. The fixing shall be done by means of standard pattern, holder clamps as specified size, keeping the pipes and when specified so, chasing may be adopted or pipe fixed in ducts or recessed etc. provided that there is sufficient space to work on the pipe with usual tools. The pipe shall not ordinary be burled in walls or solid floors, where unavoidable pipes may be buried for short distance provided that adequate protection is given against damage and where so required, joints are not buried. Where required UPVC SWR pipe sleeve shall be fixed at a place a pipe is passing through a wall or floor for expansion and contraction and other movements.

2.2.2 All pipes and fitting shall be fixed truly vertical and horizontal unless unavoidable. The pipe shall be fixed to walls with standard pattern clamps of required size and shape one end of which shall be properly plugged or cemented into walls with cement mortar 1:3 (1-cement, 3 coarse sand) and the other tightened round the pipe to hold it securely. These clamps shall be spaced at regular intervals in straight lengths. At 2 M c/c interval in horizontal run and 2.5 m. interval in vertical run for pipe of 15mm dia upto 25mm dia the holes in the walls and floors shall be made by drilling with chisel or jumper pipes and not by dismantling the brick work of concrete, however, for biggest pipes the holes shall be carefully made of the smallest required size. After fixing the pipe, the holes shall be made good with C.M. 1:3 (1-cement, 3 coarse sand) and properly finished to match the adjacent surface.

2.3 Testing of joints:

- 2.3.1 After layeing, jointing the pipes and fittings shall be inspected under working condition of pressure and flow. Any joints found leaking shall be redone and all leaking pipes removed and replaced without extra cost.
- 2.3.2 The pipe and fitting after they are laid shall be tested to hydraulic pressure of 6 kg/ sq.m. The pipe shall be slowly and carefully changed with water allowing all air and to escape and avoiding all shock and eater hammer. The draw off takes and stop cock shall than be closed and specified hydraulic pressure shall be applied gradually. The pressure gauge must be accurate. The pipes and fitting shall be tested in sections as the work of laying proceeds keeping the joints exposed for inspection during the testing.

3.0 Mode of Measurements and payment:

- 3.1 The description of each item shall unless otherwise stated be held to include where necessary conveyance and delivery, handling, unloading sorting fornication, hoisting, cutting and waste, return of packing etc.
- 3.2 The length shall be measured on running meter basis of finishing work. The length shall be taken along the center line of the pipe and fittings the pies fixed to walls, ceilings, floors etc. shall be measured and paid under this item.
- 3.3 All the works shall be measured in decimal system as fixed in its pleas, subject to tolerance given below unless otherwise stated:
 - (i) Dimension shall be measured to the nearest 0.01 metre.
 - (ii) Area shall be worked out to the nearest 0.01 Sq.m
- 3.4 All the measurement of cutting shall unless otherwise stated, be held to include to consequent water.
- 3.5 In case of fitting of unequal bore, the latest bore shall be measured for the teat.

- 3.6 Testing of pipe lines, fittings and joint include for providing all plant and appliances necessary for obtaining access to the work to be tested and carrying out the tests.
- 3.7 The rate included UPVC piping with screwed socket joints, together with all fittings (such as bens socket, elbows, tees, cresses, short pieces, clamps and plug union etc.) and fixing complete with clamping wall hooks, wooden plug etc. and also cutting screwing and waste and for making forged (or hand made) bends on piping as required, connectors hall be inserted, where required or directed. The rate also include cutting through wall, floors, etc.
- 3.8 The rate shall be for a unit of one Running Meter including fitting and clamps as per

detail.

3.9 The payment shall be made on one Rmt. basis.



Item No. :- 97

Providing and fixing Pre-Cast Rubber Dye Inter locking concrete Block 60mm thick with grade of concrete M-200 pnumatic compressed by mechanically pressed and as per approved design including 75mm sand layer for levelling and filling the joint with sand in proper line and level. (it.no. 14033 / p no. 192)

Materials:

Water shall conform to M-1, Cement shall conform to M-7, Sand shall conform to M-6, Mortar shall conform to M-11, Aggregate shall conform to M-12 of General Technical Specification of building works booklet. And precast C.C. M-200, 60mm precast rubber dye interlocking block shall be pneumatic compressed by mechanically pressed amd made of approved company or as approved by Engineer-in-charge.

Workmanship:

The precast 60mm precast rubber dye interlocking block shall be C.C. M-200, shall conform to item No. 5.3.13 P. No. 40 of General Technical Specification of building works booklet.

Size and colour shall be as approved quality. The precast 60 mm thick precast rubber dye interlocking block shall be laid on 75mm thick base of approved quality sand layer, sand having abrasion value not more than 6%

Laying of Blocks:

Block should be laid commencing from the edge strip and proceed towards the inner side. The blocks can be placed to different bonds or patterns as directed by Engineer in charge with the help of gauge. The joint width specification (2 to 4 mm) should be checked in the first square meter

where it would be ensured that the block alignment is correct. To start with full blocks should be used only subsequently. Cutting and infilling at edges be permitted. Under no circumstances should be block be forced or hammered into the bedding at this stage of laying. For cutting paving blocks hydraulic or mechanical block cutters or power saris are used. Cut units less than 50 mm minimum dimensions should not be used. Where space does not permit to use of a larger segment use premixed concrete or sand cement mortar instead the block shall be laid in line and level and to required camber and jointing in manner with precast C.C. block colour.

Mode of measurement and payment:

The work of 60 mm precast rubber dye interlocking pavement by lock work shall be measured clear dimensions finished work in square meter.

The rate shall include leveling and preparation of sub grade procuring spreading and compacting of sub base material, supplying and fixing of precast M-200 C.C. block in jointing with C.M. 1:3 and fixing pavement blocks in required shape and pattern and filling joints and compacting using all tools. equipments materials and labour.

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The rate shall be a unit of one square meter.

The payment shall be made on one square meter basis.

BUILDING SPECIFICATION BOOKLATE

The Booklate is available at Office of The Principal, Dr. Virambhai Rajabhai Godhaniya College Of Arts, Commerce, Home Science And IT For Girls, Porbandar. The Contractor may avail a copy of the same.

