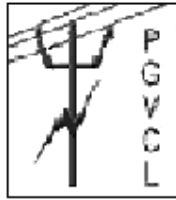


PASCHIM GUJARAT VIJ COMPANY LIMITED

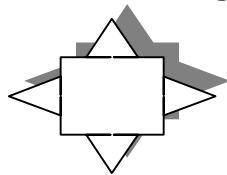


CIRCLE OFFICE,
OLD POWER HOUSE COMPOUND,
CHAVDI GATE,
BHAVNAGAR.

TENDER COPY

TENDER FOR (CIVIL work)

"Work of dismantling existing old patel boarding Fualt centres and constructed new building for fault centre at near alaka Bhavnagar"



PASCHIM GUJARAT VIJ CO. LTD.,
Circle Office, Bhavnagar.(Second attempt)
TENDER NOTICE- 278 /BVNC-24/2017-18

Tender for work of Dismantling existing old patel boarding Fault centre and Constructed new building for fault centre at near alaka Bhavnagar is invited from Contractors duly registered with Govt. The details are as under:

Sr.	Particulars	
1.	Estimated Cost.	RS 4,37,851.50
2.	Earnest Money Deposit	Rs 4380 /-
3	Last Date of download of Tender.	10/01/2018 Up to 18.00 Hrs.
4	Last Date of receipt of Tender.	10/01/2018 Up to 18.00 Hrs.
5	Date of opening of tender, (If possible)	12/01/2018 Up to 18.00 Hrs.
6	Time Limit.	90 days
7	Price per copy. With 18 % GST (Non refundable)	Rs. 1000/-

The rights to reject / accept and or split of tender are reserved by the undersigned without giving any reasons thereof.

The Contractor must have Registration certificate Experience certificate, solvency certificate, P.F. Code No., PAN No. /GST Etc.

Blank tender copy can be obtained by downloading from our web site The vendor fulfilling above requirement & submitting downloaded tender is required to submit separate demand drafts of scheduled Bank payable at Bhavnagar only, drawn in favor of "**Paschim Guajrat Vij Co. Ltd.,**" for tender fees & E.M.D.

Tender duly filled up should be submitted by Registered Post A.D.& speed post only. Tender packet should display "Tender for work of Dismantalling existing old patel boarding Fault centre and Constructed new building for fault centre at near alaka circle Bhavnagar "

Superintending Engineer,
Bhavnagar



PASCHIM GUJARAT VIJ COMPANY LIMITED

Regd. Office :

"Paschim Gujarat Vij Seva Sadan", Off. Nana Mava Main Road, Laxminagar, Rajkot – 360 004

CIN U40102GJ2003SGC042908

Circle Office,

Power House Compound, Chavdigate, Bhavnagar – 364 001

Ph : 0278-2522922/524/924

Mob : 9925234904

Fax : 0278-2421913

Tender Notice No:- **278 /BVNC-24/2017-18**

Tender for Civil work - Dismantling existing old patel boarding Fault centre and Constructed new building for fault centre at near alaka Bhavnagar"

Submit Following Details With Technical Bid:-

- (1) Registration certificated from concerned dept. E2 & above Class
- (2) Having Bank Solvency certificated in minimum as per R & B.
- (3) P.F Code No.
- (4) GST Registration No
- (5) PAN Number.
- (6) Experience certificate.
- (7) If partnership firm –partnership Did & power of Attorney.
- (8) IF GST applicable is liable, as per Rules of GOG.

Superintending Engineer
PGVCL Circle Office
Bhavnagar.

GUJARAT VIJ CO. LTD.,

GENERAL INSTRUCTIONS TO THE BIDDERS:

(A) SCOPE OF WORK:

Major works covered in this work are Construction of "work of Dismantalling existing old patel boarding Fault centre and Constructed new building for fault centre at near alaka Bhavnagar" as per specifications and terms mentioned here under.

- (1) The site of proposed work is situated at :BHAVNAGAR, Dist;BHAVNAGAR at P.H.Compound, Bhavnagar.
- (2) Any activity not specifically mentioned in the tender but necessary in the opinion of engineer in charge of work must be carried out for successful completion of the job.
- (3) Before taking up construction activity; the agency has to cut the trees which obstruct the working, of any diameter, bushes, vegetations, i.e. roots, plant, shrubs, grass etc including stacking and crediting to PGVCL as directed with no extra cost.

(B) Payment of Earnest money Deposit and Security Deposits:

i. Earnest money Deposit:

1. Bidders are requested to pay an earnest money deposit (1 % of estimated cost) by demand draft only on any Nationalized Bank at BHAVNAGAR for the amount as specified in the tender notice. Payment of EMD in form of Cheque or any other form shall not be accepted.
2. The EMD shall be submitted along with submission of Technical bid only. In no case it shall be submitted with sealed cover of Price Bid.
3. Tenders not accompanied by EMD shall be rejected as non- responsive.
4. If during the tender validity period, i.e. 90 days, the tendered withdraws his tender, the EMD shall be forfeited and the tendered may be disqualified from tendering for further works.
5. The EMD will be returned promptly to the unsuccessful tendered. The EMD will be returned to the successful tendered after he furnishes the Security Deposit for performance and duly enters in to the contract. If he fails to furnish the SD or to execute the contract for the work offered to him, his EMD shall be forfeited and the tendered may be disqualified from tendering for further work.

ii. SECURITY DEPOSIT:

As per prevailing rules of the PGVCL, 5% of the contract value shall be paid as 'Security Deposit'. Out of this, 100 % of S. D. shall be paid at C. O. BHAVNAGAR within 15 days from receipt of letter of intent **either**

- a) In form of Bank Guarantee of any Nationalized Bank as per the approved format of the PGVCL, may be submitted on receipt of LOI.

The security deposit will be refunded only after the completion of guarantee period of 1 year of work completed or finalization of final bill whichever is later.

If Security Deposit is not paid within 10 days of issue of LOI, EMD paid will be forfeited and PGVCL will not deal with party for the period of two years.

(C) PENALTY FOR DELAY IN COMPLETION OF WORK :

The time limit allowed for carrying out the work as entered in the tender shall strictly observed by the contractor and shall be reckoned from the date on which the order to commence the work is given to the contractor. The work shall through out the stipulated period of contract the proceeds with due diligence (time being deemed to be essence of contract) and for delay, the contractor shall pay compensation, an amount equal to half percent per one week for the contract value or such smaller amount as per the decision of the Competent Authority of the PGVCL.

However, the total amount of compensation to be paid by the contractor, under the provision of the clauses shall not exceed 10 percent of the amount of total work order value as decided by the competent authority of the PGVCL. The penalty will be invariably retained from the bills of the contractor and no refund will be given unless the competent authorities approves the reduction the reasons for delay attributable to PGVCL as well as to party will be brought out clearly while putting the proposal for waiver reduction in penalty.

As per DOP (Committee levels)-works Clause No 5.5A "Normally taken penalty not less than 0.5 % of contract value levied in all cases as per companies directive. However if penalty is totally waived, matter should be referred to next higher authority".

(D) COMMERCIAL CONDITIONS & (D) TECHNICAL CONDITIONS:

Sealed Percentage rate tender invited for work of "Dismantling existing old patel boarding Fault center and Constructed new building for fault center at near alaka Bhavnagar" for PASCHIM GUJARAT VIJ CO. LTD., BHAVNAGAR (herein referred to as PGVCL).

The tender will be submitted in two covers (1) Technical part i.e. Documentary (2) Price bid.

Both cover should be submitted in one cover and indication on main cover tender is "Tender for work of Dismantling existing old patel boarding Fault centre and Constructed new building for fault centre at near alaka Bhavnagar

- The scope of work is explained in Tender Specification. The work shall be carried out according to the enclosed General Conditions, Technical Specifications & such of the working drawings approved by the PGVCL.
- Tenders must be submitted in the enclosed schedule of work & quantities. Those received in any other form will not be accepted. They should be accompanied by a covering letter in which the bidder should give all information as called for in the specifications & any other point which he would like to be considered along with the tender.
- **"The Schedule-B shall be filled up with the quoted % above or below & shall be submitted in sealed envelope superscripted- PRICE BID for "work of Dismantling**

existing old patel boarding Fault centre and Constructed new building for fault centre at near alaka, Bhavnagar.

- *The Quoted % above or below shall be written both in words, & figures & the units in words. If any discrepancy occurs between words & figures, then words shall prevail. The tender documents shall be written legibly & free from erasure, overwriting or conversions of figures, crossing out, initializing, dating & rewriting, shall be avoided. In case of any deviation in figure and words the rates quoted in words will prevail.*

3.0 The bidders shall note that no deviations from the technical specifications or commercial conditions with this bid are acceptable & it will be presumed that the bidder agrees entirely with the specifications & general terms & conditions of the contract.

4.0 The PGVCL reserves the right to accept any tender irrespective of whether it is lowest or not or to reject all the tenders without assigning any reasons there of. Tenders departing from the technical Specification or the method of bidding in a radical manner may also be rejected.

5.0 On acceptance of the tender the name(s) of the accredited representative(s) of the tendered who would be responsible for taking instructions from the Engineers of the PGVCL shall be communicated to the Superintending Engineer PGVCL Circle office, Bhavnagar

All royalties, toll tax, local tax, development charges, Works Contract taxes & any other taxes etc. in respect of this contract shall be payable by the contractor & PGVCL will not entertain any claims whatsoever in this aspect. Any statutory variation in future towards the above mentioned taxes and imposing any new tax that shall also be payable by the contractor & PGVCL shall not entertain any claim of whatsoever nature, during or after the completion of this tendered work. Proof of such payments made by the Contractor to the appropriate departments shall be produced to PGVCL failing which appropriate amount shall be withheld on getting information / instruction from the concerned departments. The rates are "Excluding the GST". The reimbursement against GST will be paid to the contractor as per rules. However there would be total responsibility of party for any none or partial payment of GST as per rules of concerned Govt. Department. However this may be noted that no any type of penalty/late payment fees etc. of GST will be reimbursed during or after completion of contract.

6.0 1 % welfare cess will be deducted from the contractor's each bills by PGVCL to pay the same to the respective Govt. Department.

9.0 The successful contractor will have to sign an **agreement & Indemnity Bond** as per the PGVCL's rules on stamped paper & the necessary stamp duty charges shall be borne by the contractor.

10.0 Bidders must submit the schedule of quantities & rates by quoting the % above or below the total estimated cost & other schedules duly signed & seal of the company. Any tender not bearing signature of the bidder & seal of the company on all the documents accompanying the tender is liable to rejection. Further it is specifically instructed that conditional tenders shall summarily be rejected.

11.0 The bidder shall carefully study the work to be carried. The PGVCL will not pay any extra or rate for any reason in case the contractor claims, after acceptance of contract, to have misjudged the site condition.

- 12.0 The percentage quoted shall include cost towards of all materials, & machinery including equipments, fixtures, labour, constructional equipments, fuel, scaffolding, staging, ramps, walkways, approach and haul road, temporary works, etc. bearing permanent or temporary nature necessary for the completion of the work in all respects, except for those items specifically mentioned to be furnished by the PGVCL. The contractor must also arrange for the transport of materials & include all such costs in the rates quoted by him for finished work.
- 13.0 During the execution of the work if it is found that the work is not progressing as per the Scheduled Progress Program, approved by the PGVCL & planned by the Contractor, due to the reasons attributable to the Contractor; suitable action shall be taken as per Clause No.3 & 4 appearing in the PGVCL's prescribed Booklet for "Tender & Contract for Works" and PGVCL may take such action as it may deem fit to ensure that the work is completed in time at the risk and cost of the contractor.
- 14.0 The contract or any part thereof shall not be subject to change without the written permission of the Superintending Engineer, PGVCL, Circle office, Bhavnagar or his authorized representatives.
- 15.0 Tender shall remain open for acceptance for a period of 90 days from the date of Technical bid opening & during this period no bidder shall be allowed to withdraw his tender. Any such withdrawals, during the said period will entail forfeiture of the earnest money deposited with the tender and PGVCL will take further action for "not dealing" with party etc.
- 16.0 Further information required, if any, can be had from the office of the Superintending Engineer, PGVCL, Circle office, Bhavnagar, But it must be clearly understood that the tenders must be received complete in every respects by the due date & time.
- 17.0 The notice inviting tender, general instructions to the contractors & all documents of this tender shall form part of the contract.
- 18.0 Work under this contract shall be completed in all respects within stipulated period from the date of commencement order issued by field office. However, interim mile stones to be jointly fixed after issue of LOI.
- 19.0** Bidders must quote firm price only, till completion of work under contract, & this is to be confirmed by bidder while submitting his offer. No escalation towards labor and material / fuel shall be paid in this execution of contract.
- 20.0** Contractor shall pay minimum wages to his laborers as per the Minimum Wages Act, 1948 & rules there under as applicable from time to time in pursuant to the State Government notification. The concerned contractor shall submit the details of the payment with due certificate of LWO/IRO/authorized person of the PGVCL. The workers' welfare cess @1% of Bill amount will be deducted.
- 21.0 Once the offer submitted will not be returned back for any reason thereof in any case.
- 22.0 The Bidders shall note:**

- Percentage rates quoted shall cater for the cost of all materials & labor including all leads & lifts, tools, plants, consumables such as but not limited to fuels, lubricants, etc. cost due to mobilizing / demobilizing, temporary / permanent constructions
- Percentage rates quoted shall include for the details of constructions, which are obviously & fairly intended & which may not have been specifically referred to in these documents but are essential for the satisfactory completion of the work.
- Percentage rates shall be firm for variations up to any extent for individual items.
- No price escalation on any account, will be payable.

23.0 Each tender shall contain the name, residence & place of business of person or persons making the tender & shall be signed by the tenderer with his usual signature with seal of the company.

24.0 Tender by partnerships shall furnish the full names of all partners. It shall be signed with the partnership name by one of the members of the partnership or by an authorized representative followed by the name & designation of the person signing.

25.0 An attested copy of the constitution of the firm with the name of partners shall be furnished.

Whenever, whether in submission of the tender or later in other matters, the signatures are made by one person on behalf of Directors or a firm or a corporation, an attested copy of the resolution of the partners or of law shall be supplied by the tendered authorizing Witnesses & sureties shall be persons of status & probity, & their names, occupation & address shall be stated below their signatures. All signatures shall be dated.

26.0 Tenders by corporation shall be signed with the legal name of the corporation followed by the name of the state of incorporation & by the signature & designation of the president, secretary or other person authorized to bind it in the matter with rubber seal of the company.

27.0 PGVCL reserves the right to delete any item of Schedule-B for which contractor shall not have any right to claim on this account.

28.0 The Bidders shall study the Conditions of site & shall resort to dewatering, where necessary, by appropriate methods & maintain reasonably dry areas to work at and no extra claim will be entertain on this account unless otherwise specifically mentioned in respective item.

29.0 The Contractor shall prepare all required roads to execute various items of this Contract & arrange all transport of materials & all such costs shall be taken care of while quoting the rates. No extra payments shall be admissible towards such costs. On completion, this shall be cleared if asked by PGVCL at no extra cost.

30.0 PGVCL shall entertain no idle charges for any site conditions or any circumstances.

31.0 The Contractor shall take all requisite & necessary care to observe that no damage is occurred to the Existing structures, if any. For any damage to the Existing Structures of PGVCL, the Contractor shall be held responsible.

32.0 Tenders that do not fulfill all the above conditions & those specified in the documents attached with this contract document or incomplete in any respect are liable to rejection.

- 33.0 The submission of any bid connected with these document and specification shall constitute on agreement that bidder shall have no cause of action or claim against the PGVCL for rejection of his bid. The owner shall always be at liberty to reject or accept split any bid or bids at his sole discretion and any action will not be called into question and the bidder shall have no claim in that regards against the owner.
- 34.0 **Site visit:** The bidder is advised to visit the site and examine the site condition. Where in the work is proposed to be carried out and to get himself fully acquainted at his own responsibility for all information that may be necessary for quoting the tender bid and entering in to contract. All cost and liabilities arising out of the site visit shall be at bidder account.
- 35.0 **Recoveries:**
- (I) In case of any damage to equipment/machinery or structure/building of PGVCL or any public property due to negligence's of contractor or any other reasons attributed to contractor the decision of E.I.C. regarding the amount of recovery shall be final and binding.
- (II) If the contractor fails to execute the proportionate work as per direction of E.I.C. within the time frame given for completion of part / whole of the work PGVCL shall get the work done through any other contractor and the cost of execution of such work along with 15% overhead charges shall be recovered from contractor.**
- 37.0 Notwithstanding anything contained to the contrary in the specification or tenders in subsequent exchange of correspondence, the conditions of contract shall be binding on the contractor and any change or variations expressed or implied, however made in the said conditions shall not be valid or operative unless expressly sanctioned by the PGVCL. The contractor shall be deemed to have fully informed himself and to have special knowledge of the provisions of the conditions of contract herein contained.
- 38.0 Tenderer shall be deemed to have full knowledge of relevant documents, site conditions etc. whether inspected or not by him.
- 39.0 Submissions of tender by a contractor implies that he has read the instructions and condition of contract herein contained and has made himself aware of the scopes and specifications of the work to be done.
- 40.0 These rules and directions shall form part of the contract.
- 41.0 **Drawings:** Drawings issued with the tender are indicative and for tender purpose only. Bidders shall have to execute the work as per construction drawings issued from time to time by PGVCL.
- 42.0 In case of any deviation in any terms and conditions between Instruction to the bidders and Tender and contract for works, the terms and conditions mentioned in Instruction to the bidders will prevail.
- 43.0 **Validity Of Tender:** Tender shall remain open for acceptance for a period of 90 days from the date of Technical bid opening & during this period no bidder shall be allowed to withdraw his tender. Any such withdrawals, during the said period will entail forfeiture of the earnest money deposited with the tender, and PGVCL will take further action for "not dealing" with party etc.

- 44.0 Electricity Connection:** The electric power, at site, will be made available at one mutually agreed point, free of cost (connection only) by PGVCL only. Further distribution will have to be carried out by the contractor as per requirements at their own cost. The necessary consumption charges will be recovered as per the tariff rate of PGVCL from time to time as per PGVCL's rules.
- 45.0 Water Supply Connection:** The contractor has to make his own arrangement of water for construction activity at his own cost. However, if possible, on completion of PGVCL's bore well / open well only, the water supply line from PGVCL will be given at one mutually agreed point as per the contractor's request. Further distribution will have to be carried out by the contractor as per their requirements at their cost. Water shall be supplied on chargeable basis at the rates prevailing in PGVCL. At present the prevailing rate is Rs. 2/- per 1000 liter, if metered, otherwise recovery for water charges will be effected at two percent of the cost of items as executed in which the water supplied by PGVCL, is used, as certified by the EIC.
- 46.0 Separate Provident Fund Code:** The contractor shall have a separate Provident Fund Code of RPF in the name of company. The contractors, who do not possess such separate P.F. code, shall not be considered for acceptance of tender. The contractor has to submit such certificate showing P.F. code along with tender.
- 47.0 Tenders received after time:** The tenders received after time and date specified in the tender notice, will not be accepted. Once the offer submitted by the contractor before due date of submission, the contractor will not be allowed to submit revised / additional / modified / other even before due date. However, if the issue and receipt of tender is extended by the PGVCL due to any reason, the contractor may submit the revised offer before due date of submission, if he wish to submit.
- 48.0** The work shall be completed within the period stipulated in the contract. However it may be noted that drawings shall be released progressively & site clearance arranged accordingly to the progress of work at site. Therefore the contractor has to organize & coordinate the works to suit these. In the event of any delay due to the above or due to any other reason not attributable to the contractor, reasonable extension in the completing the work may be given at the discretion & as decided by the PGVCL but no compensation or idle charges will be paid to the contractor under any circumstances.
- 49 The price proposals will be opened in the presence of the bidder's representatives who choose to attend at the date and time and venue to be notified by the PGVCL, after conclusion of the Technical Evaluation and Post Qualification process.
- The Schedule-B shall be filled up with the quoted % above or below & shall be returned & submitted in sealed envelope superscripted **Price Bid – Dismantling existing old patel boarding Fault centre and Constructed new building for fault centre at near alaka Bhavnagar,**" - so as to reach the office of " Superintending Engineer PGVCL Circle office, Bhavnagar" 364001
- Schedules for tools & tackles, equipments, personnel details etc., and all other necessary details shall also be submitted, in Envelop – I, i.e. Technical Bid. Tenders will be opened on the day & time indicated in the tender notice in the presence of such bidders who wish to remain present.

Any tender not bearing signature of the bidder & seal of the company on all the documents accompanying the tender is liable to rejection. Further it is specifically instructed that conditional tenders shall summarily be rejected.

50.0 NO ANY TYPE OF PRICE ESCALATION WILL BE GIVEN DURING CONTRACT PERIOD OR AFTER CONTRACT PERIOD THOUGH CONTRACT EXTENDED DUE TO WHATSOEVER REASON. NO CLAUSE OF P.W.D. BOOKLET WILL BE APPLICABLE FOR PRICE ESCALATION.

51.0 If any agency is corrected in fraud of is having civil suit is not eligible to take portion this Tender/limited Inquiry.

(E): Use of Materials:

- I. The contractor shall have to use the best quality of materials in the work, as per the specifications and relevant I.S. codes. In case P.G.V.C.L. desires to carry out any field test/laboratory test for any materials required for the work, the contractor shall arrange for the same at his own cost. Further, for any finished works such as masonry, plastering, cube testing for all important concreting work etc., if any testing is required same shall be arranged by the contractor at his own cost. The contractor shall have to maintain the regular records for such testing and shall submit along with each R.A. bills.
- II. No collection of materials shall be made before it is got approved from the Engineer-in-charge.
- III. Materials, if and when rejected by the Engineer-in-charge shall be immediately removed from site of work.
- IV. All installations pertaining to water supply and fixtures thereof as well as drainage lines and sanitary fittings shall be deemed to be completed only after giving satisfactory tests by the contractor.
- V. Approval to the samples of various materials given by the EIC shall not absolve the contractor from the responsibility of replacing defective material brought on site or materials used in the work found defective at a later date. The contractor shall have no claim to any payment or compensation whatsoever on account of any such material being rejected by E.I.C.
- VI. Approval to any of the executed item for the work does not in any way relieve the contractor of his responsibility for the correctness, soundness and strength of the structure as per the drawing and specification.
- VII. Cement and steel will have to be consumed of following makes only.

Name of manufacturer of cement	Name of manufacture / supplier of structural steel / coils / bars / etc. for the structures / pipes / reinforcement etc.
Narmada Cement Company Ltd.	Steel Authority Of India
Gujarat Ambuja Cement Co. Ltd.	Tata Iron & Steel Co. Ltd.

Saurashtra Cement & Chemicals	Jindal
Siddhi Cement	Lloyds
J. K. Cement	Essar Steel Ltd.
L. & T. (Ultratech) Cement	Ispat
Shree Digvijay Cement Co. Ltd.	Shah Alloys Ltd., A'bad
Binani Cement	Mahavir rolling mills Ltd., A'bad.
Vikram Cement	Bhawalka Steel Industries, Mumbai
Sanghi Cement	Sun Vijay rolling & Engg. Ltd., Nagpur
Laxmi Cement	Shree Bajrang Alloys Ltd., Raipur
	Unique Structure & Towers Ltd., Raipur

I/We accept the above conditions...

Contractor's Representative legible signature: _____

Name of the person: _____

Seal of the company

Date & place: _____

Special condition for use of cement in work:

- 1). The rate in Schedule-B is inclusive of cement cost. Contractor has to purchase fresh 43-53 grade cement confirming to as per IS: 8112 and of approved brand by PGVCL
- 2). Contractor has to construct pucca go-down at site of work so that cement bags can be properly preserved to avoid damage due to any kind of water.
- 3). Contractor has to bring sufficient of cement bags and at no time less than 200 (two hundred.) bags to maintain progress of work .The work should not suffer for want of cement.
- 4). Cement should give the required strength.
- 5). To bring sufficient and timely cement at site is full responsibility of contractor Nothing extra will be paid on account of any reason to maintain progress of work and to complete the work in schedule time.
- 6). Contractor has to submit material account for consumption of cement used with every bill. In case of not submitting the same, bill will not be passed. Party has to submit the copy of cement/purchase bill along with each RA Bill/Final Bill.
- 7). No negative variation will be allowed for consumption in cement then prescribed as per booklet of technical specification of Company/mix design and nothing will be paid extra for over consumption.
- 8). Contractor is fully responsible for safety of cement at site; nothing will be paid extra on account of safety.

- 9). If company's authorized representative wants to check cement stock at site, contractor has to allow for the same at any time.
- 10). Contractor has to maintain day-to-day cement consumption / balance account at site.
- 11). As far as possible contractor has to maintain supply of cement of only approved brand and grade throughout the work.
- 12). Minimum cement consumption considered for cement concrete having grade of M-15/M-20/M-25 is 300 Kgs/320-Kgs/340Kgs respectively. Contractor has to use minimum cement as above. Contractor should not use less than the prescribed quality of cement even in the case of mix design recommends lower quantity.
- 13). Contractor will be allowed to carry out work only after physical verification of cement brought at site.

Signature of Contractor

**SUPERINTENDING ENGINEER
PGVCL, C.O, Bhavnagar.**

Schedule-B

Name of work:- Dismantling existing old Patel Boarding FC and constructing new Fault centre for kumbharwada S/dn.					
Sr. No	Description	Estimat edQty	Rate (Rs.)	Per	Amount
					(Rs.)
1	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.	17.00	337.00	Cmt	5729.00
2	Demolition including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift. (i) RCC Work	6.00	648.00	Cmt	3888.00
3	Dismantling 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.	13.00	115.00	Smt	1495.00
4	Dismantling sanitary fittings like wash basin . W.C. pan Indian and European type, flushing tank etc. including stacking the materials with all lead and lift. R	4.00	172.00	No	688.00
5	Dismantling C.I. pipes G.S.W.pipes and A.C. rain water pipes with fittings and clamps including stacking the materials with all lead and lift (for any dia, of pipe)	6.00	45.90	Rmt	275.40
6	Excavation for foundation up to 1.5M Depth including sorting out and stacking of useful materials and disposing of the excavated stuff up to up to 50 meter lead (A) Loose or soft soil.	1.00	119.00	Cum	119.00
7	Filling in foundation and plinth with murrum or selected soil (from outside)in layers of 20 cm. Thickness including watering ramming and consolidating etc. comp.	11.00	287.00	Cum	3157.00
8	Brick work using common Brunt clay building bricks having crushing strength not less than 35 Kg./Sqcm. In Super structure in cement mortar 1:6(1cement : 6 fine sand)(b) Conventional.	30.00	3050.00	Cum	91500.00
9	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with,curing etc. complete including the cost of formwork but including the cost of reinforcement for R.C.C work in (A) BEAMS : (ii) Having cross-sectional area more than 0.08Sq.M and upto 0.12 Sq.M.	5.00	4989.00	Cum	24945.00
10	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) for R.C.C Lintel including finishing smooth with,curing etc. complete including the cost of formwork but excluding the cost of reinforcement.	4.00	4868.00	Cum	19472.00

11	Providing and laying cement concrete M-200 and finishing smooth with curing etc. complete including the cost of form work but excluding the cost of reinforcement for R.C.C work in :Slabs having more than 10 cm. And up to 13 cm. Thickness	4.50	5061.00	Cum	22774.50
12	Providing T M T. bar reinforcement for R.C.C. work including vending binding and placing in position complete up to floor two level. (Fe- 415)	1350.00	44.20	Kg	59670.00
13	(1) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg./Sqcm. In cement mortar 1:4 (1cement : 4 coarse sand) in <u>Superstructure</u> (b) Conventional .	14.00	424.10	Smt	5937.40
14	Providing 15 mm. Thick cement plaster in single coat on fair side Brick/concrete walls for interior plastering upto floor two level and finished even and smooth in : (I) Cement mortar 1:3 (1 cement : 3 sand) . R & B SOR	118.00	117.00	Smt	13806.00
15	Providing 10mm thick cement plaster in single coat on brick/concrete walls for interior plastering upto floor two level and finished even and smooth in (i)Cement mortar 1:3 (1-cement:3-sand). R & B SOR	36.00	87.20	Smt	3139.20
16	20 mm. Thick sand faced cement plaster on walls upto height 10 meters above ground level consisting of 12 mm. Thick backing coat of c.m. 1:3 (1 cement : 3 sand) and 8 mm. Thick finising coat of c.m. 1:1 (1 cement : 1 sand) etc. complete. R & B SOR	131.00	205.00	Smt	26855.00
17	Providing and laying vitrified tiles 8 to 10 mm thick 24" X 24" in skirting risers of steps and dedo on 10 mm thick ement plaster 1:3 (1- cement :3- coarse sand) jointed with white cement slurry. R & B S.O.R	19.00	780.00	Smt	14820.00
18	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 (1-Lime putty :1.5 - coarse sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing etc. complete. (A) 25mm thick (upto 10 ton). R & B SOR	16.00	611.00	Smt	9776.00
19	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. complete.(A) 25mm thick	13.00	664.00	Smt	8632.00
20	Providing and laying white glazed tiles size 300mmX200mmX8mm /300mmX450mmX8mm in flooring treads of steps and landing laid on a bed of 10mm thick cement mortar 1:3 (1-cement : 3-coarse sand) finishing with flush pointing in white cement.R & B SOR	15.00	891.00	Smt	13365.00
21	Distempering (two coats) with oil bound distemper of approved brand & manufacturer & of required shade on wall surfaces to give an even shade, over & including a proming coat with a distemper primer of approved brand & manufacture after thoroughly brushing the surface free from mortar dropping & other foreign matter & also including preparing the surface even & sand papered smooth. R & B S.O.R ,	118.00	45.30	Smt	5345.40
22	Wall painting (two coats) with plastic(Apex out side) emulsion paint of approved brand and manufacture on wall surfaces to give an even brushing the surface free from mortar droppings and other foreign matter	131.00	49.60	Smt	6497.60

	and sand papered smooth. R & B S.O.R				
23	Providing ,fitting & fixing fully glazed, partly glazed double leaf anodized powder coated aluminum entrance door using extruded section fabricated by standard manufacturers with framing 10.15X4.45cm rectangular section & door shutter made from 10.15cmX4.45cm aluminum bottom section, top & vertical section 15cmX4.45cm size using 5.5mm thick "TRIVENI" or HB4 plain glass with glazing deep rubber gasket with locking arrangement of GODREJ LOCK with all fixtures & fastening of anodized section with aluminum breeding.	3.00	3510.00	Smt	10530.00
24	Providing & fixing window having extruded aluminum 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 two track track member size 92mm x 31.75mm x 1.30mm (of Jindal Section no:8688,@ Wt.1.07 Kg/mt), vertical member of 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 40 mmx18mm x1.29mm (of Jindal Section no:8947@ wt.of 0.456 Kg/mt), vertical member of size 40mm x 18mm x 1.29 mm (of Jindal Section no:8949 @ wt. of 0.456Kg/mt/ with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc R & B	5.00	2022.00	Smt	10110.00
25	Providing laying and jointing in true line and level 110 diameter 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, 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 149 mm length x 145 mm high at every 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends, shoes etc. including testing of pies and joints and jointed with adhesive solvent cement including cost of all materials R & B S.O.R	5.00	525.00	Rmt	2625.00
26	Providing and fixing wash down water closet (European type, W.C. Pan) with integral P or S trap including jointing the trap with soil pipe in Cement Mortar 1:1 (1-Cement : 1-fine sand) (Seal and cover to be measured and paid for separately)R & B S.O.R	1.00	891.30	Nos	891.30
27	Providing and fixing washbasin with single hole for pillar tap with C.I. or M.S. brackets painted white including cutting holes and making good the same but excluding fittings.(A) Vitreous China:(ii) Flat Back washbasin 550 mm in white colour R & B S.O.R	1.00	961.20	Nos	961.20

28	Providing and fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C. sheet or plywood sheet and fixing to wooden pluge with C.P. brass screws and washers.R & B S.O.R	1.00	568.00	Nos	568.00
29	Providing and fixing screw down bib taps of following size.(A) Brass screw down bib tap (i) 15mm dia..R & B S.O.R	1.00	190.00	Nos	190.00
30	Providing and fixing brass screw down stop tap.(A) 15mm dia..R & B S.O.R	1.00	238.00	Nos	238.00
31	Providing and fixing Gun metal check or non-return fullway wheel valve.(ii) 25mm dia..R & B S.O.R	1.00	485.00	Nos	485.00
32	Providing and fixing chromium plated brass half trun flush cock of approved quality including fixing in pipe line etc. complete.(ii) 25mm dia..R & B S.O.R	1.00	304.00	Nos	304.00
33	Providing and fixing Urinal or approved quality including conecting the Urinal with waste pipe , tap etc. complete.(A) Squating plate pattern white earthenware 550mm x 300mm..R & B S.O.R	1.00	977.00	Nos	977.00
34	Providing laying and jointing in true line and level following in dia. U.P.V.C. Pipe (SCH - 40) line including fittings make or equivalent 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. (a) 15mm dia pipe.R & B S.O.R	5.00	84.90	Rmt	424.50
35	Providing laying and jointing in true line and level following in dia. U.P.V.C. Pipe (SCH - 40) line including fittings make or equivalent 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. (a)25mm dia pipe.R & B S.O.R	5.00	107.00	Rmt	535.00
36	Providing laying and jointing in true line and level 110 diameter 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, 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 149 mm length x 145 mm high at every 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends, shoes etc. including testing of pies and joints and jointed with adhesive solvent cement including cost of all materials .R & B S.O.R	5.00	525.00	Rmt	2625.00
37	Providing and fixing PVC SWR Nahni Trap IS 14735 for drain - 100 mm diameter with jali of the following nominal diameter of self cleansing design with C.I. Scred down or hinged grating including the cost of cutting and making good the walls. .R & B S.O.R	1.00	351.00	Nos	351.00
38	Providing and fixing S.W. gully trap with C.I. grating brick masonry chamber and water tight C.I. cover with frame of 300mm x 300mm size (inside) with standard weight.(i) Square mouth traps. (A) 100mm x 100mm size P type.R & B S.O.R	1.00	1173.00	Nos	1173.00

39	Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with bricks having crushing strength not less than 35Kg. Cm ² in C.M. 1:5 C.I. cover with frame (Light duty) 455mm x 610mm intenal dimensions, total weight of cover with frame to be not less than 38Kg. (Wt. of cover 23 Kg.) and Wt. of frame 15Kg.) (R.C.C. top slabe with 1:2:4 mix (1-cement :2- coarse sand :4-graded stone aggregate 20mm size) foundation concrete 1:5:10 inside plaster 15mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete(Extra over item 24.44 for every additional depth of .1mt of part there of beyond 350mm depth for brick masonary chamber (1) 455mmX610mm..R & B S.O.R	1.00	2523.00	Nos	2523.00
40	Supplying and fixing C.I. cover 300mm x 300mm without frame for Gulley trap (Standard pattern) te weight of cover to be not less 4.53 Kg.)..R & B S.O.R	1.00	1119.00	Nos	1119.00
41	Providing erecting and fixing double coated Syntex PVC. (ISI) water tank of required capacity each with all necessary fittings and connection etc. complete on terrace. R & B SOR	1000.00	4.60	Ltr	4600.00
42	Providing and laying broken chine mosaic flooring for terrace using 12 mm to 20 mm broken pieces of glazed tiles to be laid over cement mortar 1:3 to plain or slope and to be tempered to bring mortar creme out upto surface using white cement including rounding off junctions and extending them upto 15 cm along the wall,clearing with water and oxalic acid etc. as directed.	45.00	471.00	Smt	21195.00
43	Providing and fixing steel cupboard shutter of 18 guage with steel frame and fixing the frame with brick masonary including locking arrangement with three coats of approved oil paint etc completee. As per Rate analysis approved by PGVCL.	15.60	2150.00	Smt	33540.00
Total Rs.					437851.50
Rs. Four Lac Thirty seven thousand eight hundred fiftyt one and Ps. Fifty only/-					
<p>i/we/am/are/carryout the above work on % below/above on Estimate cost Rs.....in write in wards also total cost of work </p> <p>signature of Contractor</p> <p style="text-align: center;">Superintending Engineer, PGVCL, C.O, BVN</p>					