

भारतीय भूचुम्बकत्व संस्थान

(विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार के अंतर्गत स्वायत्त अनुसंधान संस्थान)

कलंबोली हाइवे के पास, न्यू पनवेल (प.), नवी मुंबई 410 218

INDIAN INSTITUTE OF GEOMAGNETISM

(An autonomous Research Institute, Department of Science & Technology, Govt. of India)

Near Kalamboli Highway, New Panvel (W), Navi Mumbai 410 218

भारतीय भूचुम्बकत्व संस्थान (आईआईजी), पनवेल

में

सीमित निविदा दस्तावेज

सिमेंट कंक्रीट रोड का निर्माण और कंपाउंड वॉल की मरम्मत के लिए

LIMITED TENDER DOCUMENT

FOR

Construction of Cement Concrete Road & Repair of Compound Wall at Indian Institute of Geomagnetism (IIG), New Panvel.

द्वारा प्रस्तुत / Submitted by:

नाम / Name:

पता / Address:

संपर्क क्र. / Contact No:

ईमेल आयडी / Email ID:

INDIAN INSTITUTE OF GEOMAGNETISM

NAME OF WORK

Construction of Cement Concrete Road & Repair of Compound Wall at IIG Panvel.

LIST OF DOCUMENTS

NAME OF THE AGENCY		
Sr. No.	List of Documents	
Envelope-1: Part A Technical Bid.		
1	E.M.D. - NIL	
2	Facia Page	
3	List of Documents & Index	
4	Notice Inviting Tender	
5	Tender Requirements for Eligibility	
6	Vendors Details	
7	NEFT Details	
8	Acceptance Form	
9	Special Condition of Contract	
10	Compliance form 1	
11	Form B-1 (Price Bid Security Declaration) on letter head	
Envelope 2 Part B Financial Bid :		
12	Financial Bid	

Note: 1. Hard copy of Technical Bid and financial bid is to be submitted separately before last date of submission and must be signed with stamp/seal on all pages.

Envelope 1: Technical Bid

Envelope 2: Financial Bid

2. Other documents connected with technical bid must be signed with stamp/seal.

INDIAN INSTITUTE OF GEOMAGNETISM

(An autonomous Research Institute, Department of Science & Technology, Govt. of India)

Near Kalamboli Highway, New Panvel (W), Navi Mumbai 410 218

Sub: Construction of Cement Concrete Road & Repair of Compound Wall at IIG Panvel.

Part A Technical Bid.

NIT DETAILS:		
1	NIT No.	Tender No. IIG/EM/CC/04 Date: 25.01.2023
2	Name of work	Construction of Cement Concrete Road & Repair of Compound Wall at IIG Panvel
3	Location of work	The work will be carried at IIG Premises, Panvel, Navi Mumbai.
4	Estimated cost put to tender	Rs. 3,65,000/- inclusive of GST & all taxes approx.
6	Completion period	07 Days
7	Security Deposit	3% of Work order Value (Will be deducted from each running bill and will be returned interest free on successful completion of DLP of six months)
8	Performance Guarantee	3 % of Work order Value (The successful bidder is to submit the Performance guarantee within 5 days of issue of LOI and will be returned without interest on settlement of contractor's final bill and issuance of completion Certificate.
9	Dates of availability of Tender Documents	From 25.01.2023 to 30.01.2023 (11.00 hrs.) In the Indian Institute of Geomagnetism (IIG), Near Kalamboli Highway, New Panvel (W), Navi Mumbai 410 218. Detailed NIT is available on website www.iigm.res.in
10	Date of Pre-bid clarification	27.01.2023 (11:00 hrs to 15:30 hrs) at Indian Institute of Geomagnetism (IIG), Near Kalamboli Highway, New Panvel (W), Navi Mumbai 410 218.
11	Last date and time of submission of tenders	30.01.2023 (11:00 hrs.) in the Office of Indian Institute of Geomagnetism (IIG), Near Kalamboli Highway, New Panvel (W), Navi Mumbai 410 218.
12	Date & Time of opening of Technical Bids	On 30.01.2023 (11:30 hrs.) in the Office Indian Institute of Geomagnetism (IIG), Near Kalamboli Highway, New Panvel (W), Navi Mumbai 410 218.

13	Date of opening of Financial Bids of qualified bidders	Will be notified at a later date

Note: IIG reserves the right to accept or reject the tender(s) in full or in part, without assigning any reason thereof. Tenders with any condition including conditional rebate shall be rejected forthwith.

INDIAN INSTITUTE OF GEOMAGNETISM

TENDER REQUIREMENTS FOR ELIGIBILITY: -	
1	Contractors who fulfil the following requirements shall ONLY be eligible to apply.
1.1	Proof of registration with Government / Semi Government organizations like CPWD, CIDCO, PMC, NMMC, Railways, State PWDs etc. in appropriate class OR having experience in execution of similar nature of works. Should have satisfactorily completed the similar type of works.
1.2	CERTIFICATES: (Scanned copy of original certificates to be uploaded)
	i) Similar works experience (Work order / completion certificate)
	ii) GST Registration Certificate
	iii) PAN (Permanent Account Number) registration
	iv) Company Registration Certificate
	v) Turnover Certificate (Last 3 Years by CA)
1.3	UNDERTAKING as under: - I/We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of IIG, then I/we shall be debarred for bidding in IIG in future/ forever. Also, if such a violation comes to the notice of IIG before date of start of work, the competent authority shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee. (Scanned copy of the undertaking duly signed & sealed on letter head of the bidder to be uploaded at the time of submission of bid).
	IIG reserves the right of Non-consideration of Tender documents of the agencies who are NOT fulfilling the NIT stipulations and / or having adverse report on the works carried out by them in the past.
2	Information and Instructions for tenderers posted on website shall form part of tender document.
3	Certificate of Financial Turn Over: At the time of submission of bid, contractor may upload Undertaking / Certificate from CA mentioning Financial Turnover of last 3 years or including profit & loss statements and further details if required may be asked from the contractor after opening of technical bids.
4	The IIG reserves the right to accept / reject any prospective application without assigning any reason thereof.
5	Short listing of the agencies shall be subject to thorough verification of their credentials and inspection of works carried out by them, through a Technical Evaluation Committee of experts, constituted by IIG.
6	IF ANY INFORMATION FURNISHED by the applicant is found to be incorrect at a later stage, they shall be liable to be debarred from tendering / taking up works in IIG.
7	Hard copy of Technical Bid shall be submitted in IIG before due date and time.

8	Any Additional work needs to be executed for completion of work, CPWD DSR/Analysis of rates/Manual 2021 for rates will be considered.
9	All papers submitted with the tender should bear the signature of the tenderer on every page.
10	Submission of more than one Tender by a particular Tenderer under different names is strictly prohibited. In case it is detected later that this condition has been violated all the tenders submitted by Tenderer would be rejected or cancelled and earnest money or security deposit will be forfeited in addition to such legal action as may be deemed fit and proper.
11	Canvassing in connection with tender/quotation is strictly prohibited.
12	Director-IIG reserves right to reject any or all the quotations or allot part of the work to different agencies without assigning any reason.
13	Mode of measurement will be as per the guidelines laid in the Departmental conditions of contract & technical specifications.
14	Awarding work order will be strictly as per IIG norms/policies as decided by Competent Authority of IIG.

I have read the above instructions carefully and understood in right perspective and agreed.

Date:

Seal and Signature contractor

VENDOR'S DETAILS

(TO BE SUBMITTED ALONG WITH TECHNICAL BID)

Tender Ref. No. IIG/EM/CC/04

Dated. 25.01.2023

1	Name of Work	
2	We have quoted for all the items in Financial bid in the prescribed format of the Tender documents (say 'yes / No) (Partial/incomplete offers are liable for rejection)	
3	Name / Title of the Bidder / Type of Establishment	
4	Full Address	
5	Name of the person authorized to deal / undertake business for and on behalf of the Bidder	
6	Telephone & Mobile Number	
7	Fax. No	
8	Email Address	
9	Legal entity of Bidder whether Firm / Society / Company / SSI unit	
10	Registration Number	
11	Authority with whom Registered	
15	PAN No.	
16	GST No	

17	Experience of the Bidder in dealing with the tendered item / works.	
18	Certificates :	
	Similar works experience (Work order and completion certificate)	
	Company Registration	
	Turnover Certificate (Last 3 Years by CA)	
	Income Tax Return	
	TIN/GST Registration	
	PAN (Permanent Account Number) Registration	
19	Turnover in the last 3 years	
20	Details of Work Orders, amount, Name of Authority, Completion Period, etc.(separate sheet)	
21	There are no deviations of specification/model/type etc. in any of the items of Financial Bid. (Deviations, if any, shall be mentioned in Technical Bid. The agency has to quote separately for the those items and enclose with Financial Bid)	

I/we hereby declare that the information given by me is true to the best of my knowledge and I / we take the responsibility for same. I/We also understand that partial/incomplete offer will liable for rejection.

Date:

Signature & Seal of the Tenderer

NEFT FORM

Tender Ref. No. IIG/EM/CC/04

Dated: 25.01.2023

Sub: Construction of Cement Concrete Road & Repair of Compound Wall at IIG Panvel

1	Name of the Vendor	
2	Vendor Address & Other Particulars	
3	PAN NO.	
4	GST NO.	
5	Mobile No.	
6	Email ID	
7	Account Holder's Name (Title of the Account)	
8	Bank Account No.	
9	Bank Name, Branch & Address	
10	9-Digit MICR code of the bank	
11	Account type (CURRENT)	
12	IFSC Code (attach xerox copy of cheque)	

I hereby declare that the particulars given above are correct and complete. If the transaction is delayed or not effected at all for reasons of incomplete information, I would not hold the user institution responsible. I agree to discharge the responsibilities as a participant under the scheme.

Signature of the Tenderer with seal.

ACCEPTANCE FORM

From M/s.....
.....
.....

To,
The Director,
Indian Institute of Geomagnetism (IIG)
Near Kalamboli Highway, New Panvel
(W), Navi Mumbai 410 218

Sub: Tender Notice No. IIG/EM/CC/04 Dated 25.01.2023

Dear Sir,

With reference to the above tender I/we do hereby offer to execute the work under contract at the respective rates mentioned in the Bill of quantities. I/We have seen the site and read the tender documents, conditions of contract, specifications and special clauses forming part of the Bill of Quantities.

I/We have given our offer on your prescribed format of Schedule of Quantities of Tender Documents.

I/We have filled the Venders details & compliance form as per Tender conditions of contract.

I/We have given our offer for entire items of Schedule of Quantities and also understand that partial/ in-complete offer in Financial Bid would be rejected and not considered for award of work.

We agree to pay minimum wages as per Labour Enforcement Authority and any variation on Dearness Allowance on time to time, Provident Fund, ESIC, Bonus etc to all workers employed by us at IIG under this contract.

I/We agree to finish the whole of the works within as specified in the tender.

I/We agree that this sum shall be forfeited by you in the event of our tender is accepted and fail to commence/execute the contract once called upon to do so, within a period of one month after award of contract.

Date:

Tenderer Signature & Seal

SPECIAL CONDITIONS OF CONTRACT

ELIGIBILITY CRITERIA:

1. It must be noted that the tenderer should not have been blacklisted by any Government Agency/Institutions of local self-Government / Public Sector in India under any contractual relation with them or facing process of penal action as such on complaints of quality. Director, IIG reserves the right for insisting upon submission of Satisfactory Performance Certificate issued by any such agency.
2. There shall be a tender committee appointed by competent authority to examine the list of documents desirable as per terms & conditions attached to the Tender and to report in details on the eligibility of tenderers for further examination to the competent authority. The Tenderers are required to produce the original documents for verification if required for the screening committee.
3. Lowest bidder will be identified on the Total basic cost inclusive of all taxes quoted in financial bid those who have already qualified in technical bid.
4. Agency should have preferably their office / technical support team in Mumbai/Navi Mumbai area/ Thane.
5. The agency shall have Manager/Engineer, Trained and experienced supervisor and manpower.
6. Agency shall have necessary machinery and plants required for the execution of the work and the list of such equipment shall be attached.
7. Competent Authority reserves right to accept or reject the offer in whole or in part and award the work in whole or in part, as per norms/policies accepted by the centre.

Financial Bid

8. The tenderer should quote the price including all taxes and levies of the each items on the Schedule of Quantity enclosed with the tender documents and signature & stamp thereon each page, in separate sealed cover, super scribing name of work indicating 'Financial Bid'. (Financial bid submitted other than above form will be rejected). Partial/incomplete offers are liable for rejection as the entire work is considered as one work and L1 will be decided by adding rates/amounts quoted for entire items of Schedule of Quantity as a composite work. In case of unsuccessful bidders in the technical bid, financial bid will not be opened.
9. In the schedule of quantities, if rates are not quoted for items or if a firm quotes "NIL/N.A./Not applicable/---/ Leaving blank space etc." charges, the bid shall be treated as unresponsive and will not be considered.
10. L1 will be identified based on the total cost quoted by the agency.
11. Validity of rates: 120 Days from the opening of the tender
12. Stipulated time for completion of work: 07 Days
13. Defect Liability Period : 1 Year
14. Variation in quoted rates will not be allowed and will not be payable i.e. Rates will be firm throughout the period of execution of contract.

LIQUIDATED DAMAGE

Successful tenderer will have to commence/execute the work as per the order placed by email/soft copy/LOI/Work order within the stipulated time period mentioned in the order. In failure to do so, the performance security submitted by the firm will be forfeited. In the event of the contractor fail to comply with conditions of this contract, he shall be liable to pay a compensation for non-commitment of work as per order or for the delay an amount equal to 1.0% per month of delay to be computed on per day basis, provided that the entire amount of compensation to be paid shall not exceed 10% of the Tender value of the work. If the work is not completed within the stipulated time period as mentioned in the work order or inferior nature of work, the competent authority has the right to terminate the whole work or part and get the work done from other agency at the risk and cost of tenderer and access money will be recovered from any dues. Liquidated damage can be recovered from Performance Security, Security Deposit or running bills of the Tenderer. Extension in delivery of work will not be given except in exceptional circumstances. The defaulting tenderer will be debarred from participant of any tender of the IIG.

ARBITRATION

In the event of any dispute arising between IIG and the contractor in any matter covered by this contract or arising directly or indirectly there from or connected or concerned with the said contract in any manner of the implementation of any terms and conditions of the said contract, the matter shall be referred to the Director, IIG who may himself act as sole arbitrator or may name as sole arbitrator an officer of IIG not with standing the fact that such officer has been directly or indirectly associated with this contract and the provisions of the Indian Arbitration Conciliation Act, 1996 shall apply to such arbitration. The contractor expressly agrees that the arbitration proceedings shall be held at Panvel.

THE Competent Authorities RESERVE THE RIGHT:

- a. To reject any / or all the Tenders at any stage without assigning any reason there of and not accept the lowest Tenders.
- b. To invite fresh offers from the open market or negotiate with other tenderers quoting higher rate to come down to the lowest rate of the item offered by the competitors in the tenders.
- c. To reject abnormally low price of an item quoted by the tenderer in the Tender with some malafide intention.

RISK PURCHASE

In the event of failure to execute the contract to the satisfaction of competent authority has the reserves the right:

- a. To reject any part of the contract executed and withhold payment for such portion of the contract till such time the defects are rectified to the satisfaction of the competent authority.
- b. To terminate the contract by giving 1 weeks' notice in writing without assigning any reason and to get the contract executed by other agency at the risk and cost of the contractor.

GENERAL LIEN

Whenever under this contract any sum of money is recoverable from and payable by the contractor, IIG shall be entitled to recover such sum by appropriating in part or in whole the security deposit of the contractor, if a security is taken from the contractor. In the event of the security being insufficient or if no security has been taken from the contractor, the balance or the sum recoverable, as may be shall be deducted from any sum due to the contractor or which at any time thereafter may become due to the contractor under this or any other contract with the IIG. Should this sum be not sufficient to cover the full amount recoverable, the contractor shall pay to the IIG on demand the remaining balance due.

RECTIFICATION OF WORK/REPLACEMENT OF DEFECTIVE SUPPLY

In any supply item or any part of work is found defective or fails to meet the requirements of the contract before it is accepted, IIG shall give the contractor a notice setting forth details of such defects or failures and the contractor shall forthwith arrange to set right the defective work or replace the defective supply by the good one to make it comply with the requirements of the contract. This in any case shall be completed within a period not exceeding three days from the date of the initial report pointing out the defects. The replacement or rectification shall be made at site by the contractor at free of cost. If the contractor fail to do the needful within this stipulated time frame, IIG reserves the right to reject the work/equipment in full or in part and get it replaced at the cost of the contractor. The cost of any such replacement made by the IIG shall be deducted from the amount payable to the contractor against this work order.

TERMINATION FOR DEFAULT

IIG, may without prejudice to any other remedy for breach of contract, by written notice of default, sent to the contractor, for termination of this contract in whole or in part;

- a) If the contractor fails to deliver any or all the work within the time period (s) specified in the contract, or any extension thereof granted by IIG.
- b) If the contractor fails to perform any other obligation(s) under the contract
- c) If the contractor in either of the above circumstances, does not remedy his failure within a period of 10 days (or such longer period as IIG may authorize in writing) after receipt of the default notice from IIG.

In the event of IIG terminate the contract in whole or in part pursuant to above para the IIG may execute the work upon such term and in such manner as it deems appropriate work similar to those undelivered and contractor shall be liable to IIG for any excess cost for such similar work. However, the contractor shall continue the performance of the contract to the extent not terminated.

ADDITIONAL OR EXTRA WORK

IIG reserve the right to place extra items other than schedule quantity for completion of given work order. In such cases the competent authority calculate the expenditure for supply and execution of such work by taking quotation from local agency and adding applicable levies, labor charges, incidental expenditure, profit etc as per the normal procedure to arrive suitable rate. He may also obtain the Expenditure of the extra item either from CPWD 2021 DSR / Analysis of rates manual / If rates not available in DSR then the work order executed for government organization for similar work in the recent past. If the quantity of work is exceeding, competent authority should be informed the same and execution should be done only after prior approval.

IIG also reserve the rights to modify the quantity of items in work order to add/reduce/cancel as per the site requirements. Such additional quantity will be settled at the same rate and terms & conditions of the order on completion of work after taking final joint measurement.

Agency to inform in advance before executing additional/substitute quantity. Prior approval for the same should be obtained from IIG before execution.

PAYMENT TERMS

Payment terms of IIG are given below.

Payment will be done as per actual measurement. The Original challans for supply of all the material to be submitted by the agency duly endorsed (Stamped) by security of IIG for billing purpose.

Payment will be released 100% against completion of work.

Payment terms other than above are not acceptable.

Scope of Work

Agency has to assess the nature of work by visiting the site well before tender is submitted.
Agency may attend pre-bid meeting for clarifications.

1. Excavation in Earthwork.
2. Masonry work with common burnt clay.
3. Steel Work for Gate and fencing including applying priming coat.
4. Cement plaster 1:3 (1 Cement: 3 Coarse sand) and Painting with synthetic enamel paint.
5. Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity.
6. Providing and laying design mix cement concrete of M-30 grade in road.
7. Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar.
8. Construction of granular sub-base by providing close graded Material conforming to specifications.
9. P/L stone soiling with 23cm hard stone.
10. P/F NP2 class (light duty) R.C.C. pipes with collar joint with mixture of cement mortar (1 cement : 2 fund sand)

FAIR WAGES:

The contractor shall pay the monthly wages to the labors employed by him as per the minimum wages enforced by Labor Enforcement Authority of India on time to time in front of an IIG official, together with ESIC, Provident Fund, and Bonus etc. as applicable. The contractor will forward his bills for the work executed by him by attaching copies of salary slip signed by the worker for the current/previous month for early settlement of his bills.

Date:

Contractor signature & seal

INDIAN INSTITUTE OF GEOMAGNETISM

Compliance form 1

Tender Ref. No. IIG/EM/CC/04

Dated. 25.01.2023

Sub: Construction of Cement Concrete Road & Repair of Compound Wall at IIG Panvel

	Name of the Vendor	Kindly choose YES or NO
Sr. No	Description	Compliance from agency
1	We have read technical specifications/tender carefully and Understood the same in right perspective.	Yes/No
2	We have quoted for all the items in Financial Bid in the prescribed format of the tender documents.	Yes/No
3	We have read the financial bid thoroughly before filling it and understood the same in right perspective	Yes/No
4	We understood that partial/incomplete/vague offers are liable for rejection.	Yes/No
5	We have understood the eligibility criteria as well as criteria for identifying lowest bidder.	Yes/No

INDIAN INSTITUTE OF GEOMAGNETISM

FORM-B1.

Tender Ref. No. IIG/EM/CC/04

Date: 25.01.2023

Sub: Construction of Cement Concrete Road & Repair of Compound Wall at IIG Panvel

(DECLARATION SHOULD BE ON LETTER HEAD WITH SIGNATURE AND SEAL OF COMPETENT AUTHORITY)

FORM OF BID SECURITY DECLARATION

To
Director
Indian Institute of Geomagnetism
Near Kalamboli Highway,
New Panvel (W) – 410 218

Dear Sir,

I/We have gone through the tendering conditions pertaining to the Tender and General Conditions of Contract, Special Conditions of Contract and Additional Conditions of Contract, if any.

I/We hereby agree to execute the contract in accordance with the tender specifications incorporated along with of the tender document and also agree to abide by General Conditions of Contract, Special Conditions of Contract contained in the Tender document and Additional Conditions of Contract, if any.

I/We hereby agree to keep our above mentioned bid valid for the period mentioned in the NIT.

Prices applicable are indicated in the financial bid format of the tender.

If I/We withdraw or modify the bid during the period of validity or if I/We are awarded the contract and I/We fail to submit a PSDBG before the deadline mentioned in the contract, I/We shall be suspended for a period of one year from being eligible to submit bids for contracts of IIG.

Yours faithfully

SIGN & STAMP OF BIDDER

INDIAN INSTITUTE OF GEOMAGNETISM

Part B FINANCIAL BID

Tender Ref. No. IIG/EM/CC/04

Date. 25.01.2023

Sub: Construction of Cement Concrete Road & Repair of Compound Wall at IIG Panvel.

SCHEDULE OF QUANTITY:

Sr. No.	Description	Unit	Qty	Rate	Amount in Rs.
1	Excavation in earth work				
1.1	Earth work in excavation by mechanical means (Hydraulic excavatory)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by In charge All Kinds of soil	Cum	27.00		
2	Masonry work				
2.1	Bricks work with common burnt clay F.P. S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement Mortar 1:6 (1 Cement:6 coarse sand)	Cum	0.90		
3	Steel Work				
3.1	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	Kg	320.00		
4	Finishing				
4.1	Cement plaster 1:3 (1 Cement:3 Coarse sand) finished with a floating coat of near cement 20 mm cement plaster	Sqm	29.04		
4.2	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	Sqm	48.00		
5	ROAD WORK				

5.1	Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earth with lead upto 50 metres.	Sqm	180.00		
5.2	Providing and laying design mix cement concrete of M-30 grade, in roads/ taxi tracks/ runways, using cement content as per design mix, using coarse sand and graded stone aggregate of 40 mm nominal size in appropriate proportions as per approved & specified design criteria, providing dowel bars with sleeve/ tie bars wherever required, laying at site, spreading and compacting mechanically by using needle and surface vibrators, levelling to required slope/ camber, finishing with required texture, including steel form work with sturdy M.S. channel sections, curing, making provision for contraction/ expansion, construction & longitudinal joints (10 mm wide x 50 mm deep) by groove cutting machine, providing and filling joints with approved joint filler and sealants, complete all as per direction of In-charge (Item of joint fillers, sealants, dowel bars with sleeve/ tie bars to be paid separately).Note:- Cement content considered in M-30 is @ 340 kg/cum. Excess/ less cement used as per design mix is payable/ recoverable separately. Cement concrete prepared with batch mixing machine	Cum	13.50		
5.3	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of In-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by In-charge).	Cum	5.50		
5.4	Construction of granular sub-base by providing close graded Material conforming to specifications, mixing in a mechanical mix plant at	Cum	9.00		

	OMC, carriage of mixed material by tippers to work site, for all leads & lifts, spreading in uniform layers of specified thickness with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications and directions of In-Charge. With material conforming to Grade-III (size range 26.5 mm to 0.075 mm) having CBR Value-20				
6	Providing and laying stone soling with 23 cm hard stone including packing with smaller stones filling voids with available earth moorum including watering and compacting with vibratory power roller to achieve the desired compactness etc. complete as per specifications and directions of In – Charge.	Cum	26.00		
7	Providing and laying non-pressure NP2class)light duty) R.C.C. pipe with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement:2 fine sand) including testing of joints etc. complete	Mtr	10.00		
	Total Cost (Inclusive GST & all taxes)				

Note	1. Agency should visit the site to know actual scope of work before quoting. 2. Material & Equipment brought to the site shall be endorsed at security gate and copy of this same shall be given to IIG. 3. Rate shall be quoted inclusive of GST and all taxes. 4. Material required at site should be assessed by the agency and bill will not be settled for excess/supplied items. 5. Quantity which will be included in work order shall be tentative and the Bill will be settled as per actual measurement. 6. Payment will be released for consumed quantity on satisfactory completion providing necessary certifications/documentation etc. 7. IIG reserves the right to reject any sample and rescind the work order if the samples are found to be unsatisfactory and if the agency is unable to meet the requirement of IIG. 8. Technical bid & Financial bid will be submitted in separate envelope otherwise tender should be rejected. 9. Existing kerb stone shall not be damaged during execution of road repair work. Date : Sign & Seal of Contractor
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