



Irrigation & Waterways Directorate
Office of the Executive Engineer
Metropolitan Electrical Division
Block-DF, Sector-I, 4th Floor, Jalsampad Bhawan,
Salt Lake City, Kolkata -700091
Telephone No-033-23215609, Email Id : eemed.iwd@gmail.com

Memo No. 1509/ 7E-6/2024-25

Dated: 04.10.2024

[Invitation for Expression of Interest for Budgetary Quotation]

EOI No. **WBIW/EE/MED/e-EOI-02/2024-25**

Dates of this E.O.I:

Sl. No.	Particulars	Date & Time
01	Start Date of Issuance of EOI Document	05.10.2024 AT 17:00 Hrs.
02	Last date of submission of Queries	24.10.2024 UPTO 17:00 Hrs.
03	Pre bid meeting	25.10.2024 AT 15:00 Hrs.
04	Last Date of Issuance EOI Document	05.11.2024 UPTO 17:00 Hrs.
05	Last Date and time for Submission of EOI	06.11.2024 UPTO 15:00 Hrs.
06	Date of Opening of EOI	06.11.2024 AT 15:30 Hrs.

NAME OF THE WORK: Repairing of One no Miter Gate Pintle and its base arrangement and realignment of anchor System to make it noise & vibration free for proper functioning at Chitpur Lock Gate, Kolkata- 700004, West Bengal.

EXECUTING DIVISION: Metropolitan Electrical Division

YEAR: 2024-25

Expression of Interest

1.0 Invitation for EOI/Single stage of Bidding

The **Executive Engineer, Metropolitan Electrical Division** invites EOI from prospective bidders (OEMs, Contractors, Authorised dealers etc.) for the work “Repairing of One no Miter Gate Pintle and its base arrangement and realignment of anchor System to make it noise & vibration free for proper functioning at Chitpur Lock Gate, Kolkata- 700004, West Bengal.” The successful Bidder will carry out the scope of work in accordance with the specifications provided in a detailed Request for e-NIT document which will be brought out by the Executive Engineer, Metropolitan Electrical Division in later stage after obtaining administrative approval of the work. Now, Executive Engineer, Metropolitan Electrical Division seeks EOI for budgetary quotes from experienced, reputed Bidders for the above work, who meet the pre-qualification criteria specified in this document will be short-listed to have comparison of cost between various prospective bidder. In case of non compliance they may offer their own solution.

2.0 Description of the Project:

Repairing of One no Miter Gate Pintle and its base arrangement and realignment of anchor System to make it noise & vibration free for proper functioning at Chitpur Lock gate.

2.1 Location:

Chitpur, Kolkata-700 004 (Nearest Bagbazar)

2.2 Introduction to the project:

The Chitpur Mitre gate is a complex and heritage structure with the age of more than a century. At present, abnormal noise and vibration is during gate operation of Righi side Mitre gate (river side) and Miter offset is clearly visible. Now, navigation system is closed for quite some times, but flushing of water from the river Hooghly into Kestopur and Beliaghata canal is most important function from storm water drainage point of view.

2.3 Specification and scope of work:

Manufacturing, erection, testing of pintle and its base arrangement made of cast Iron conforming to relevant IS Standard and as per approved drawing including all materials, labour charges, casting and machining cost with grouting and fixing etc.

Bidders are requested to submit justification sheet in respect of their quoted rate. Department have arrived the proposed quantity in the B.O.Q. However, bidders are requested to have their own calculation regarding the quantity required for completion of the work. In case, it differs in quantity, they shall provide justification and supported with calculation.

In this regard, bidders are also requested to visit the site & carry out their own design. Accordingly, bidder may propose changes in design. In the event of changes in design and selection from the above, it should be substantiated with justification by the bidder.

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3.0 Instructions to Bidders:

3.1 Bidders are advised to study all instructions, B.O.Q, forms, terms, requirements and other information in the EOI documents carefully. Submission of the bid shall be deemed to have been done after careful study and examination of the E.O.I documents with full understanding of its implications. **Rate should be quoted exclusive of all taxes and duties. Percentage of different taxes and duties shall also be mentioned.**

3.2 The response to this E.O.I should be full and complete in all respects. Failure to furnish all information required by the E.O.I documents or submission of a proposal not substantially responsive to the E.O.I documents in every respect will be at the bidder's risk and may result in rejection of its proposal.

3.3 For better understanding of work, brief description of work as per our preliminary assessment are given for better understanding of the project. In this stage bidder are requested to propose their work description, with quoting rate, so that in later stage under detailed NIT, complete scope of work and technical specification may be enclosed , so that bid may be evaluated on equal footing.

3.4 The Bidder shall be deemed to be fully conversant with the site conditions and the nature and complexity of the work to be undertaken and considering all eventualities which can arise before, during and after project execution.

3.5 **Bid validity shall be 120 days.**

4.0 EOI proposal preparation, costs & related issues:

4.1 The Bidder is responsible for all costs incurred in connection with participation in this process, including, but not limited to, costs incurred in conduct of informative and other diligence activities, participation in meetings/discussions/presentations, preparation of proposal, in providing any additional information required by this office to facilitate the evaluation process, unless explicitly specified to the contrary.

Purchaser will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

4.2 These Expression of Interest (EOI) are purely for estimation purpose and to know the present market rate and under no circumstance, It shall be construed as quotation for placing the supply order. For competitive bidding separate notice inviting Tender will be published.

5.0 Pre-bid Meeting

5.1 Executive Engineer, Metropolitan Electrical Division shall hold a pre-bid meeting with the prospective Bidders on **<25.10.2024 at 15:00 Hrs >** at <O/O Executive Engineer, Metropolitan Electrical Division, Jalasampad Bhawan (4th Floor), Bidhannagar, Salt Lake, Kolkata: 700091.

The Bidders will ensure that their queries with regard to the EOI, to be addressed to the EOI issuing Authority shall reach by post, facsimile or E-mail on or before **<24.10.2024 at 17:00 Hrs >** to the officer whose details are provided below (Nodal Officer):

Expression of Interest

Office of the Executive Engineer
Metropolitan Electrical Division, Jalasampad Bhawan (4th Floor),
Bidhannagar, Salt Lake, Kolkata: 700091.
E-mail:eemed.iwd@gmail.com, Telephone No-03323215609

6.0 Responses to pre-bid queries and issue of corrigendum:

The Nodal Officer notified by the EOI issuing authority will endeavour to provide timely response to all queries. However, the department makes no representation or warranty as to the completeness or accuracy of any response made in good faith.

6.1 At any time prior to the last date for receipt of bids, EOI inviting authority may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the EOI document by issuing a corrigendum.

6.2 The corrigendum (if any) & clarifications to the queries from all Bidders will be posted on the e-tender portal<<https://wbtenders.gov.in>>. Any such corrigendum shall be deemed to be incorporated into this EOI.

6.3 In order to afford prospective Bidders reasonable time in which to take the corrigendum into account in preparation of their bids, Purchaser may, at its discretion, extend the last date for the receipt of EOI Bids.

7.0 Right to terminate the EOI process:

7.1 EOI issuing authority may terminate the EOI process at any time without assigning any reason. EOI issuing authority makes no commitments, expression or implied that this process will result in a business transaction with anyone.

8.0 Bid Submission Procedure

<Option 1: In case of Online Submission on e-Procurement portal>

Bidders should submit their responses to an EOI as per the procedure specified in the e- Procurement portal (specified URL) being used for this purpose.

The bidder must ensure that the bid is digitally signed by the Authorized Signatory of the bidding firm and has been duly submitted (freezed) within the submission timelines. The Department will in no case be responsible if the bid is not submitted online within the specified timelines.

All the pages of the Proposal document must be sequentially numbered and must contain the list of contents with page numbers. Any deficiency in the documentation may result in the rejection of the Bidder's Proposal.

OR

<Option 2: In case of physical submission of bids at office of Executive Engineer >

- a. Bids shall be submitted in a single sealed envelope and superscripted<Name of the Work >and<Reference EOI No.>. This envelope should contain two hard copies of EOI proposal marked as "First Copy" and "Second Copy" and one soft copy in the form of a non-rewriteable Compact Disc (CD). CD media must be duly signed using a permanent

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pen/marker by the Bidder. Bids are to be dropped in tender box kept in the O/O **Executive Engineer, Metropolitan Electrical Division.**

- b. Bids shall consist of supporting proofs and documents as defined in the Pre- qualification section.
- c. Bidder shall submit all the required documents as mentioned in this document.
- d. Envelope should indicate clearly the name, address, telephone number, E-Mail ID and fax number of the Bidder.
- e. Each copy of the EOI should be a complete document and the document should be page numbered, must contain the list of contents with page numbers and shall be initialled by an authorized representative of the Bidder.
- f. Different copies must be bound separately.
- g. Bidder must ensure that the information furnished by him/her in respective CDs is identical to that submitted by him in the original paper bid document .In case any discrepancy is observed by the authority in the contents of the CDs and original paper bid documents, the information furnished on original paper bid document will prevail over the softcopy.
- h. EOI document submitted by the Bidder should be concise and contain only relevant information as required under the EOI Bids shall consist of supporting proofs and documents as defined in the Pre- qualification section.

9.0 Short listing criteria:

- 9.1 Purchaser will shortlist Bidders who meet the pre-qualification criteria mentioned in this EOI.
- 9.2 Any attempt by a bidder to influence the bid evaluation process may result in the rejection of its EOI proposal.

10.0 Evaluation Process:

10.01 Superintending Engineer, Mechanical & Electrical Circle, Jalasampad Bhawan (6th Floor), Bidhannagar, Salt Lake, Kolkata-700091 will constitute a committee to evaluate the responses of the Bidders in response to this EOI document (Tender Committee).

10.02 The Tender Committee constituted by the Superintending Engineer, Mechanical & Electrical Circle, Jalasampad Bhawan (6th Floor), Kolkata shall evaluate the responses to the EOI and all supporting documents & documentary evidence. Inability to submit requisite supporting documents or documentary evidence, may lead to rejection of the Bidder's EOI proposal.

10.03 Each of the responses shall be evaluated to validate compliance of the Bidders according to the pre-qualification criteria, forms and the supporting documents specified in this EOI document.

10.04 The decision of the Tender Committee in the evaluation of responses to the EOI shall be final. No correspondence will be entertained outside the evaluation process conducted by the Purchase Committee.

10.05 The Tender Committee may ask for meetings with the Bidders to evaluate its suitability for the assignment

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10.06 The Tender Committee reserves the right to reject any or all proposals.

11.0 Pre-qualification evaluation criteria:

Sl. No.	Basic requirement	Specific requirements	Documents required
1	Legal Entity	<ul style="list-style-type: none"> - Should be a company registered under the provisions of the Indian Companies Act, 2013 or a partnership firm registered under the Indian Partnership Act, 1936 or the Limited Liability Partnerships Act, 2008. - Registered with the GST authorities. - Should have been operating for the last three years. 	<ul style="list-style-type: none"> - Certificate of incorporation / Partnership deed - GST registration Certificate of commencement of business (if applicable)
2	Board resolution/ Power of attorney in favour of authorised signatory	A board resolution OR power of attorney in the name of the person executing the bid, authorizing the signatory to commit the Bidder.	Board resolution; OR Power of attorney with appropriate supporting documents
3	Sales Turnover	Annual sales turnover generated from services related to system integration during each of the last three financial years (as per the last published Balance sheets), should be at least INR<value in numbers and words>. This turn over should be on account of Information Communication Technology (ICT) systems development and implementation (i.e. revenue should be on account of system integration/turnkey solutions or products and their associated maintenance or implementation services, packaged software etc.) only	Extracts from the audited balance sheet and profit & loss; OR Certificate from the statutory audit or
4	Technical Capability	Bidder must have successfully completed at least one following nature of work within last five years and value not less than 50% of their quoted value. “SITC of electrical Hoist Mechanism to the Hydraulic gate”	Completion certificates from the competent authority ; OR Work order + Self certificate of completion (Certified by the statutory auditor)
5	Debarment	Debarment should used as a mandatory Pre-Qualification criterion to restrict organizations that have been either debarred by the tendering department for breach of ethical conduct or fraudulent practices, etc. As specified in Rule 151 of GFR.	Self Certified letter that the bidder (or any of its successor) is not in the active debarred list published by: a) Central/ State Public Procurement Portal; and

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12.0 Examination of Bids and Determination of Responsiveness:

The Bid evaluation committee (TEC) will evaluate whether each Bidder is satisfying the eligibility and qualifying criteria prescribed in the pre-qualification document and declare names of the qualified Bidders.

Prior to the details evaluation, the tender accepting authority will determine the substantial responsiveness of each bid to the bidding documents. For purposes of these clauses, a substantially responsive bid is one which conforms to all the terms and conditions of the bidding documents without material deviations. For that purpose a separate sheet for Guaranteed Technical Particulars are attached.

Assessment: The detailed assessment for pre-qualification shall be based on the following information submitted by the Bidder:

1. Data submitted in prescribed format given in tender documents.
2. Bidder's techno-commercial proposals for carrying out the entire works in accordance with the specifications in this document.

The techno-commercial submissions must principally demonstrate the adequacy of bidders' appreciation of the:

- The project
- Design and detail engineering
- The methods proposed for mobilization and establishment of site installation and for the timely completion, testing and commissioning and O&M of the project.
- The arrangements for the logistic support for completion, testing and commissioning of all works of the project.--Requirements of the Department.

13.0 Format for letter of response:

To
The Executive Engineer
Metropolitan Electrical Division, Jhalasampad Bhawan (4th Floor),
Bidhannagar, Salt Lake,
Kolkata: 700091.

Sub: - RESPONSE TO – EOI

Dear Sir,

We, the undersigned, offer the following information in response to the Expression of Interest sought by you vide your EOI No. Dated

1. We are duly authorized to represent and act on behalf of _____
(Herein after the "respondent")
2. We have examined and have no reservations to the EOI Document including Addenda No(s) _____
3. I/We understand that this EOI is intended for the work "Repairing of One no Miter Gate Pintle and its base arrangement and realignment of anchor System to make it noise & vibration free for proper functioning at Chitpur Lock Gate, Kolkata- 700004, West Bengal."

Expression of Interest

Irrigation and Waterways Department, Govt. of West Bengal may float a separate Tender (based on their requirement), with all conditions like Eligibility Criteria, and our participation in this EOI does not guarantee any qualification to that tender.

4. We are attaching with this letter, the copies of original documents defining: -
 - a) The Respondent's legal status;
 - b) Its principal place of business;
 - c) Its place of incorporation (if respondents are corporations); or its place of registration (if respondents are cooperative institutions, partnerships, or individually owned firms);
 - d) Self-certified financial statements of Last three years, clearly indicating the financial turn over and net worth.
 - e) Copies of any project undertaken for the last 5 years, in any Govt. Department.
5. We shall assist Irrigation and waterways Department, Govt. of West Bengal or its authorized representatives to obtain further clarification from us, if needed.
 - a) **Executive Engineer of Metropolitan Electrical Division**, authorized representative, may contact the following nodal persons for further information on any aspects of the Response :

Sl No.	Contact Name	Address	Telephone	E-mail

6. This application is made in the full understanding that:
 - a) Department Reserves the right to reject or accept any or all applications, cancel the EOI and subsequent bidding process without any obligations to inform the respondent about the grounds of same .
 - b) We confirm that we are interested in participating in the selection process through this EOI.
7. We certify that our turnover and net worth in the last three years is as under :

Financial Year	Turn over	Net worth

8. In response to the EOI, we here by submitting the following details annexed to this application:
9. The undersigned declare that the statements made and the information provided in the duly completed application are complete, true, and correct in every detail. We also understand that in the event of any information furnished by us being found later to be incorrect or any material information having been suppressed, may delete our name from the list of potential bidders. We further understand that Irrigation and waterways Department, Govt. of West Bengal will give first preference to the applicants considered relevant for the purpose.

Yours sincerely,

(Sign)

Expression of Interest

Name

In the Capacity of
Duly authorized to sign
The response for and on behalf of

Encl: B.O.Q format.

Sd/-
Executive Engineer
Metropolitan Electrical Division
I & W Dte., Govt. of West Bengal

Memo No: 1509/1(3)/7E-6/2024-25

Date: 04.10.2024

Copy Submitted for information and kind necessary action to :-

1. The Chief Engineer, Mechanical & Electrical, I&W Directorate, 2nd Floor, Jalasampad Bhawan, Govt of West Bengal.
2. The Superintending Engineer, Mechanical & Electrical Circle, I&W Directorate, 6th Floor, Jalasampad Bhawan, Govt of West Bengal.
3. The Executive Engineer-I, Lower Damodar Irrigation Division, I&W Directorate, Singur, Hooghly, Pin-712409.

Sd/-
Executive Engineer
Metropolitan Electrical Division
I & W Dte., Govt. of West Bengal

Memo No: 1509/1(3)/1(5)/7E-6/2024-25

Date: 04.10.2024

Copy forwarded for favours of kind information to:

1. The Assistant Engineer, Metropolitan Electrical Division.
2. The Sub-Divisional Officer/Metropolitan Electrical Sub-Division.
3. The Divisional Accounts Officer, Metropolitan Electrical Division.
4. Estimating Section, Metropolitan Electrical Division.
5. Notice Board of Metropolitan Electrical Division.

Sd/-
Executive Engineer
Metropolitan Electrical Division
I & W Dte., Govt. of West Bengal

EOI No.- WBIW/EE/MED/e-EOI-02/2024-25

Name of Work: Repairing of One no Miter Gate Pintle and its base arrangement and realignment of anchor System to make it noise & vibration free for proper functioning at Chitpur Lock Gate, Kolkata- 700004, West Bengal.

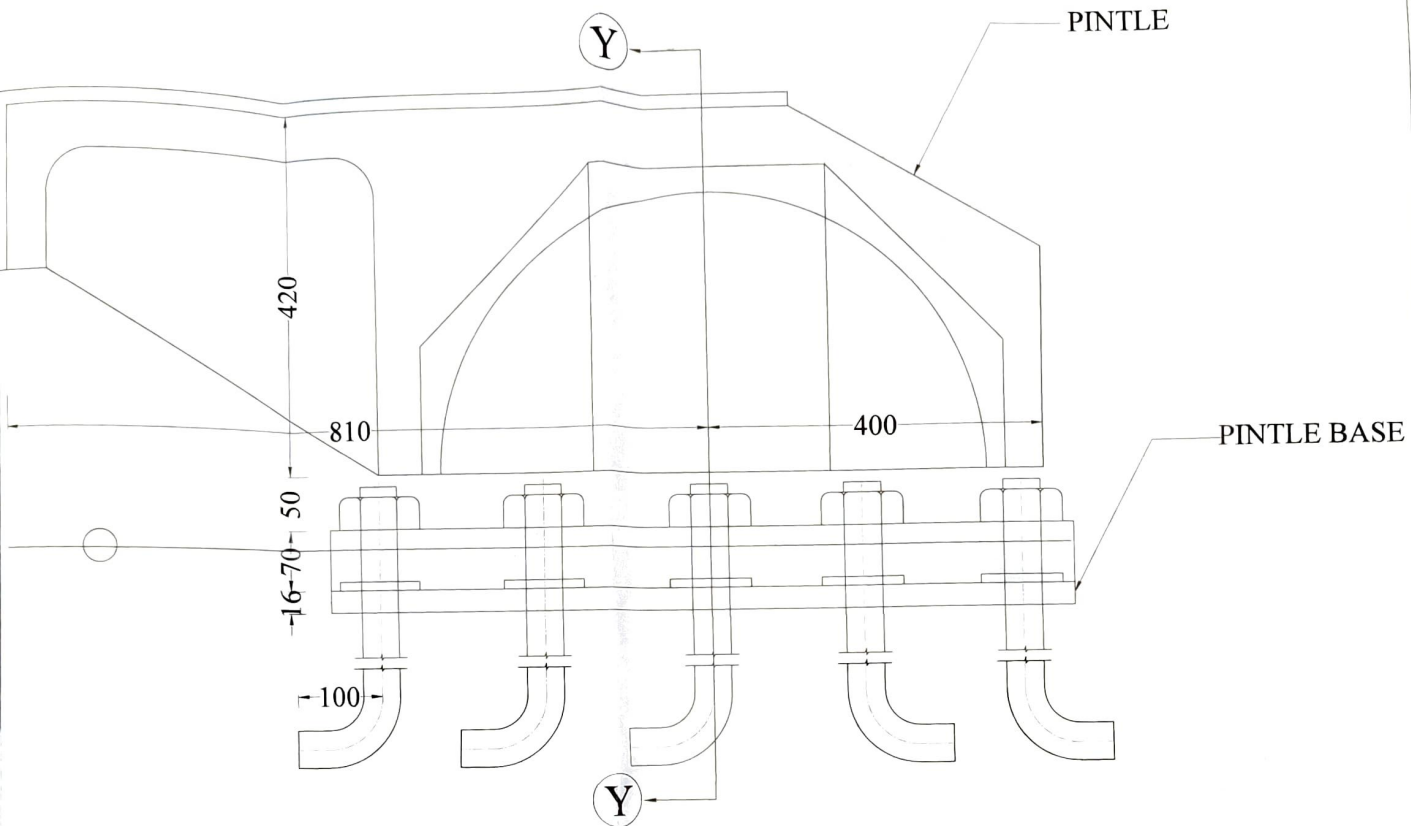
Sl. No.	Description of Work	Qty.	Unit	Proposal by the Bidder				
				Description of Item/ work proposed by the bidder (for budget quotes)	Quantity (for budget quotes)	Unit (for budget quotes)	Rate Rs. (for budget quotes) excluding GST.	GST rate as applicable
1	Costruction and removal of cross bundh including mobilization and demobilization by using carriage of earth, cement polythene bag, gunny bag, nylon cage netting as per approved drawing including defect rectification, complete in all respect.	1	Job					
2	Bailing out of water by pump including all leads and lifts and including making all aragements for disposal, where continuous flow or seepage of water is encounter and rating of pumps and hours of operation is specifically ascertained as per direction of the Engineer - in - charge.	110,000	Hp-hr.					
3	Earth work in re-excavation/ silt clearence in drainage channeling all kind of soil including sludge, slush mixed with all sorts of industrial wast and municipal garbages, polypacks, carcasses, small khatal effluents, night soil etc, by mathor labour as may be necessary and depositing the same in places as directed by the Engineer - in -charge, in such a manner, without casusing much hindrance to traffic and posing health hazard and making arrangement to maintain the site in worable condition and rough dressing when dry including making.	7000	Cu.m					

Sl. No.	Description of Work	Qty.	Unit	Proposal by the Bidder				
				Description of Item/ work proposed by the bidder (for budget quotes)	Quantity (for budget quotes)	Unit (for budget quotes)	Rate Rs. (for budget quotes) excluding GST.	GST rate as applicable
4	Cost for repairing of vertical/flap gate shutter of canal/river including dismantling the damaged portion at lower part (skin plate, horizontal/vertical girder/stifner etc as per IS : 2062 - 2011 /latest revision) not more than 25%of gate hight from bottom by gas cutting and fitting, fixing and fabricated by welding as per direction including cost of Materials, Machinaries , Manpower, Cutting, Aligning, Anchoring, Welding, Finishing, Consumables, Carriage and all overheads with all leads and lifts complete as per specification (without painting).	560	Kg					
5	Dismantling, servicing, overhauling, replacement of damaged spare including bearing and refitting of 20 T Gantry crane consisting of geared motor, gear box, coupling, bracking arrangement, hoist mechanism and allied electrical system including hire charges of tools & tackles, safety equipment, up to the proper functioning of crane etc	1	Job					
6	Manufacturing, erection, testing of pintle and its base arrangement made of cast Iron conforming to relevent IS Standard and as per approved drawing including all materials, labour charges, casting and machining cost with grouting and fixing etc.	1	Job					
7	Cost towards hire charges of hydraulic truck crane of different capacity with adequate boom lenthh for the purpose of lifting of defect mitre gate and fixing after the alignment work.							

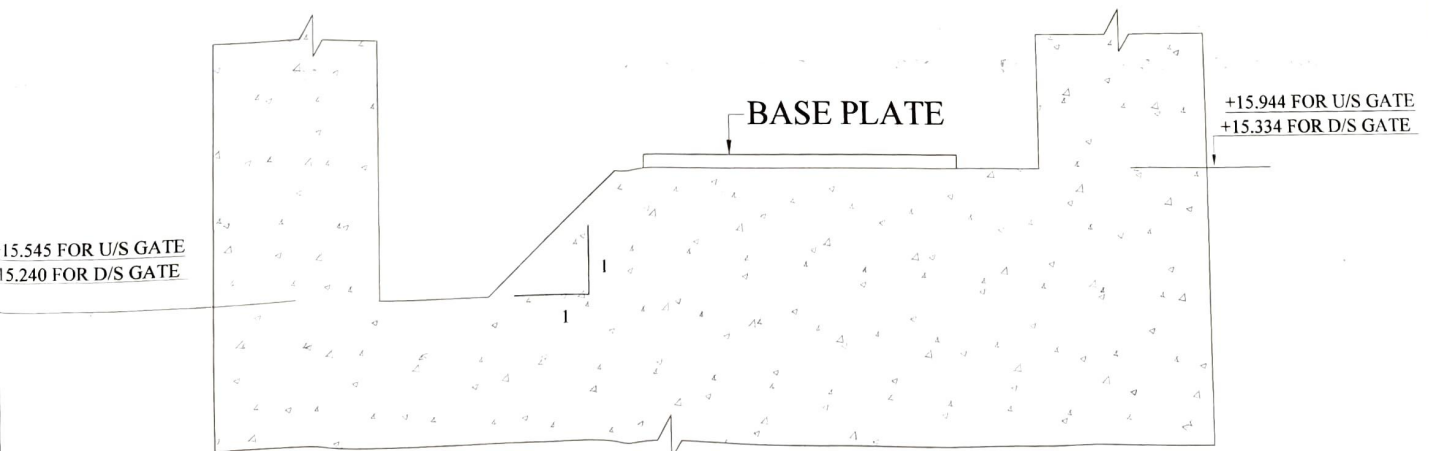
Sl. No.	Description of Work	Qty.	Unit	Proposal by the Bidder				
				Description of Item/ work proposed by the bidder (for budget quotes)	Quantity (for budget quotes)	Unit (for budget quotes)	Rate Rs. (for budget quotes) excluding GST.	GST rate as applicable
i	Providing Hydraulic truck crane with different jib/ boom length revolving type for material as well as holding Mitre Gate , assemble, erection of same of girder/ slab etc 100 MT Capacity with minimum 75 ft or 22.86 Mtr.	5	Day					
ii	Providing Hydraulic truck crane with different jib/ boom length revolving type for material as well as holding Mitre Gate , assemble, erection of same of girder/ slab etc 75 MT Capacity with minimum 75 ft or 22.86 Mtr.	5	Day					
iii	Providing Hydraulic truck crane with different jib/ boom length revolving type for material as well as holding Mitre Gate , assemble, erection of same of girder/ slab etc 25 MT Capacity with minimum 75 ft or 22.86 Mtr.	5	Day					
8	Supply of Conventional type Keel Block of required size and nos made of dums concrete or timber cubes for the purpose of repairing of Mitre gate.	16	nos					
9	Removing of deposited silt in side the Mitre gate leaf by cutting covver plate at a suitable interval and closing the pocket by welding .	1	Job					
10	Carrage of Stoplog unit from its existing position to the service bay and repairing the same as required by MS angle, channel. Plate etc conforming to IS 2062: 2011 the whole work is including cost of material, machinery and labours etc.	1	Job					

Sl. No.	Description of Work	Qty.	Unit	Proposal by the Bidder				
				Description of Item/ work proposed by the bidder (for budget quotes)	Quantity (for budget quotes)	Unit (for budget quotes)	Rate Rs. (for budget quotes) excluding GST.	GST rate as applicable
11	Supplying, preparing and placement of ready mix non shrink cementitious microconcrete having no metallic aggregate or chlorides for repairing and jacking of damaged R.C.C.members. The microconcrete should achieve a compressive strength not less than 10 MPa after 24 hours. 40 Mpa after 7 days and 50 Mpa after 28 days at 300C.It should have unrestrained expansion in between 1 to 4%. flexural strength shall not be less than 5MPa after 28 days. Micro concrete should have a co-efficient of thermal expansion similar to that of the hostconcrete.	6	Cu.M					
12	Supply & fitting fixing of round strand (steel core/fibre core) steel wire rope (ungalvanised, IWRC) of 6x36 construction of 1960 tensile designation as per IS-2266 (make: Usha Martin, Bharat Wire Ropes ltd or BIS approved makes), rope clamp with Dishakle and fitting fixing of said material with correct alignment and position inclusive of all cost of labour, T&P, scaffolding charges & all other incidental charges as necessary to complete the job in all respect upto the satisfaction of E.I.C.							
i	20mm Dia.	85	Mtr.					
ii	16mm Dia	32	Mtr.					

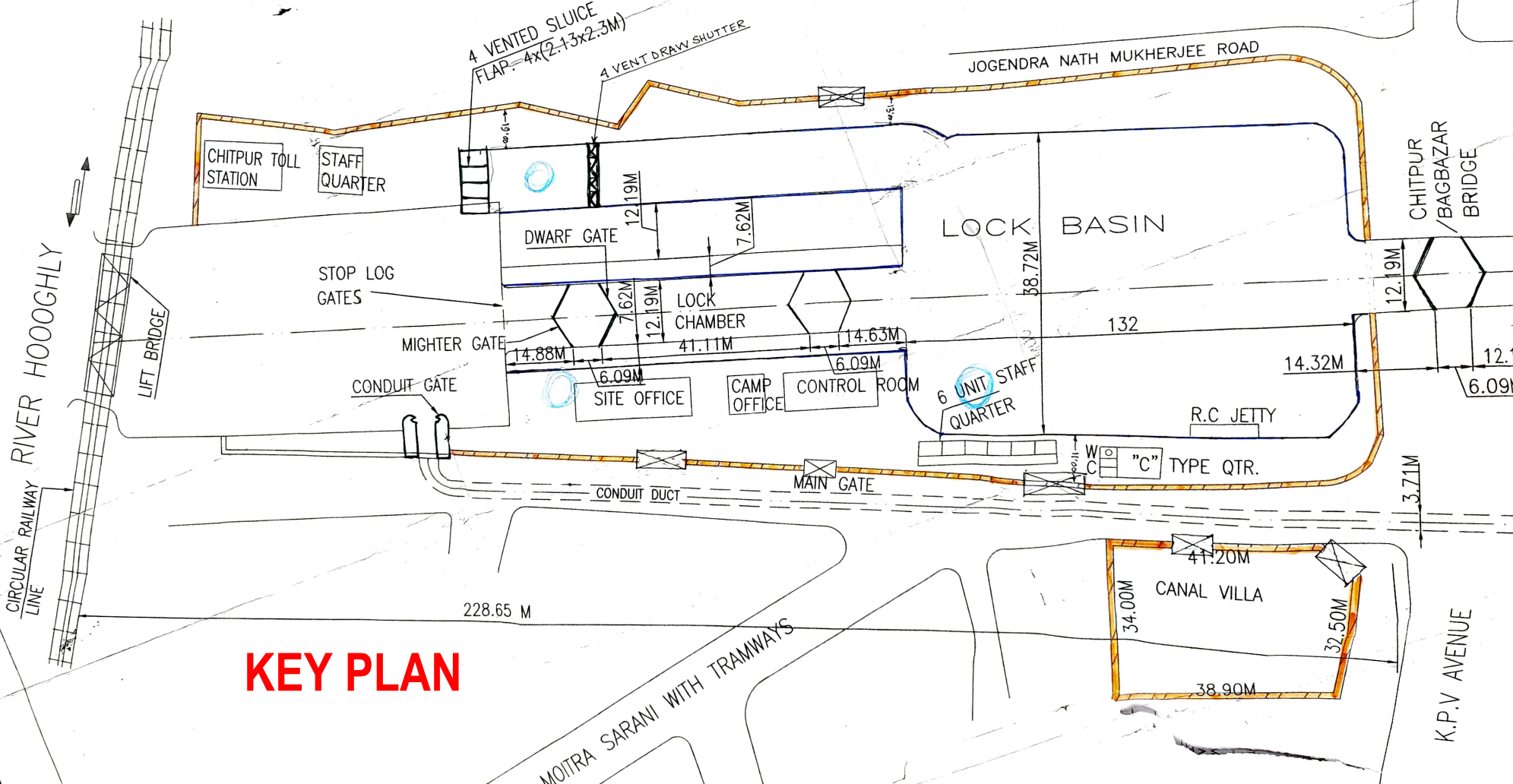
ANNEXURE-A



PINTLE & ITS BASE ARRANGEMENT



GA DRAWING



KEY PLAN