



**TENDER DOCUMENT
For Works Contract
For Tender Enquiry No : FCX/TW/09/19**

**For
Providing and laying of Magnesium Oxychloride flooring in Bay 9 inside factory
area.**

Contact Person :

Name : Anshuman Sharma
Designation : Dy. Mgr (MM)
Email : anshuman.sharma@bhel.in
PH : 0510 – 241 – 2784

**Tender Due Date 12/11/2019 at 13 :15 Hrs
Tender Opening Date : 12/11/2019 at 14 :00 Hrs**

**Material Management Department
BHEL, PO : BHEL, Jhansi 284120 (UP)**

Detail of Bidder and Documents to be submitted along with Technical Bid

Please number your documents in continuation with tender documents at bottom (footer) of page.

S.No.	Particular	Detail
1.	Name of the firm	
2.	Name of the Proprietor/Partners	
3.	Address	
4.	Mobile No.	
5.	E-mail ID	

Essential Documents

	Particular	Detail	Page No
6.	Acceptance of Terms & conditions Signature on all pages without conditions of contractor	Submitted/ Not submitted	
7.	Blank price bid format duly signed by the contractor.	Submitted/ Not submitted	
8.	Copy of ESI Registration	ESI No-	
9.	Copy of PAN card	PAN No-	
10.	Copy of GST registration	GST No-	
11.	Self declaration as per as per annexure V on Rs 100 stamp paper .	Submitted/ Not submitted	
12.	Copy of ownership of firm	Submitted/ Not submitted	
13.	Receipt of tender fees deposition	Amount	
14.	Receipt of EMD deposition	Amount	
15.	Copy of turn over for last three year i. FY 2016-17 ii. FY 2017-18 iii. FY 2018-19	Submitted/ Not submitted	

BHARAT HEAVY ELECTRICALS LIMITED, JHANSI**Factory Civil Department****TENDER DOCUMENT****TENDER ENQUIRY NO. FCX/TW/09/19****DATE:- 18/10/2019**

16.	Work Experience i. Work order ii. Completion Certificte iii. Bill of Quantity Relevant TDS/TRACES (in case of Experience in private sector)	Submitted/ Not submitted	
17.	Copy of IncomTax return (Last three FY) i. 2016-17 ii. 2017-18 iii. 2018-19	Submitted/ Not submitted	
18.	Copy of PF registration	PF No-	

We will fulfill all the obligations of the contractor and abide by the terms & Conditions mentioned in the enquiry.

Date :-

Signature With Name & Seal

We hereby accepted above (Signature & seal of bidder)

BHARAT HEAVY ELECTRICALS LIMITED, JHANSI**Factory Civil Department****TENDER DOCUMENT****TENDER ENQUIRY NO. FCX/TW/09/19****DATE:- 18/10/2019****TABLE OF CONTENTS****PART I: TECHNO-COMMERCIAL BID**

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PART II: PRICE BID**(Separate envelope)**

S. No.	Section	Page No.
1.	PRICE BID (JS 146)	1-Page

We hereby accepted above (Signature & seal of bidder)

BHARAT HEAVY ELECTRICALS LIMITED, JHANSI
Factory Civil Department
TENDER DOCUMENT

TENDER ENQUIRY NO. FCX/TW/09/19

DATE:- 18/10/2019

NOTICE INVITING TENDER



Factory Civil Department

TENDER DOCUMENT

TENDER ENQUIRY NO. **FCX/TW/09/19**DATE:- **18/10/2019****1- NOTICE INVITING TENDER**

S. No.	Particulars	Details
1	Name of work	Providing and laying of Magnesium Oxychloride flooring in Bay 9 inside factory area.
3	Tender Evaluation Criteria	(As per GTC issued by "Central Contracting Cell" and Special condition of contract for Civil Work of BHEL Jhansi.
4	Duration of the Contract	Six months
5	Last date of receipt of the Tender	(As on page # 1)
6	Date of opening Tender	(As on page # 1)
7	Address for submitting the tender	(As on page # 7)
8	Earnest Money Deposit (EMD)	Rs. 9485/- (Rupees Nine Thousand four hundred Eighty Five only)
9	Cost of tender (Non refundable)	Rs. 0.00
10	Validity of Offer	120 days
11	Defect liability period	Two year from actual date of completion

Note: The EMD may be accepted only in the following forms:

(i) Electronic Fund Transfer credited in BHEL account (before tender opening)

BHEL account details: Bank Name: - SBI; A/c No.: - 10670828866 ; IFSC Code:- SBIN0003807 A/c Holder Name:- BHARAT HEAVY ELECTRICALS LIMITED

(ii) At BHEL cash office through POS machine **No Demand Drafts shall be accepted.**

The contractors may physically visit the work place before quoting their rates. For relevant details, please visit our website "www.bhel.com" & "www.bheljhs.co.in"

Note: BHEL takes no responsibility for any delay / loss of documents or correspondence sent by courier or post. Late tenders shall be rejected outright.

The techno-commercial bid comprising (i) all its sections, (ii) all enclosures in support of various clauses and requirements and (iii) EMD, shall be duly signed and sent in a sealed envelope boldly super-scribing "**PART-I TECHNO COMMERCIAL BID FOR "Providing and laying of Magnesium Oxychloride flooring in Bay 9 inside factory area. "** . Similarly, the Price-bid must be duly signed and sent in a sealed envelope boldly super-scribing "**PART-II PRICE BID FOR "Providing and laying of Magnesium Oxychloride flooring in Bay 9 inside factory area.** Both these envelopes shall be placed inside 3rd sealed envelope super-scribing" duly signed and sent in a sealed envelope boldly super-scribing "**Providing and laying of Magnesium Oxychloride flooring in Bay 9 inside factory area.**

BHARAT HEAVY ELECTRICALS LIMITED, JHANSI

Factory Civil Department

TENDER DOCUMENT

TENDER ENQUIRY NO. FCX/TW/09/19

DATE:- 18/10/2019

The tender shall be addressed to as follows:

Anshuman Sharma

Sr. Purchase Officer (MM)

Email : anshuman.sharma@bhel.in

PH : 0510 – 241 – 2784

Sealed Tenders can be submitted (i) personally, (ii) by Courier, or (iii) by post.

If submitted personally

Tender Box
CISF Control Room/Office
Administrative Building
Bharat Heavy Electricals Limited
Jhansi-284120 (U P)

Or if sent through Courier / Post

Office of
Anshuman Sharma
Sr. Purchase Officer (MM)
Material Management Department
Email : anshuman.sharma@bhel.in
BHEL, JHANSI - 284120
PH : 0510 – 241 – 2784

Part-I Techno Commercial bid:

Part I of the sealed tenders alone will be opened by BHEL in the presence of tenderers who are present at the time & place of opening. A signed blank price-bid copy should be enclosed with this bid. The spaces for prices should be crossed (x).

Part-II Price bid:

The price bid should contain prices only. Price bid will be opened only for the parties who qualify in techno commercial bid.

TO BE SIGNED BY THE TENDERER

Certified that all Sections of the Tender have been read / complied & agreed to, and each page of the tender offer has been signed & stamped.

(Signature of Authorized person(s))

We hereby accepted above (Signature & seal of bidder)

A. FLOORING SPECIFICATIONS:

1. The following standards shall be followed vis-à-vis production of materials, transportation, mixing , laying and testing :-
 - a) IS: 657-1982 reaffirmed 2006 - Specification for materials for use in the manufacture of magnesium oxychloride flooring compositions.
 - b) IS: 658-1982 reaffirmed 2006 - Code of practice for magnesium oxychloride composition floors.
 - c) IS: 10132-1982 reaffirmed 2006 - Method of Test for Materials for Use in the Preparation of Magnesium Oxychloride Flooring Compositions.
2. Magnesium oxychloride flooring shall consist of dry mix combination of Magnesium oxide, Calcium carbonate , Silica , Quartz sand , Saw dust , Talcum powder mixed with aggregate and Magnesium chloride solution at workable consistency .

The dry mix combination shall be as follows:-

Magnesium oxide –55% by weight

Calcium carbonate-17.5% by weight

Silica-10% by weight

Quartz sand-10% by weight

Saw dust-5% by weight

Talcum powder-2.5% by weight

The mixes may vary up to 5-7% during mixing

Ratio for Dry mix: Aggregate = 1: 2 to 2.25 by weight

Magnesium chloride solution shall be prepared at specific gravity of 1.18+/-0.02.

B. APPLICATION:

1) Preparation of the Base:-

The base shall be sound, rigid, free from rising dampness and not unduly porous. The existing concrete base should be roughened to a suitable degree by tooth chiseling, picking or by any other suitable process before oxychloride composition is laid.

2) Preparation of Floor Finish Mixture:-

- a) Magnesium Chloride Solution - Magnesium chloride both before and after it has been dissolved should not be allowed to come into contact with any floors or walls. Whenever possible, the work of breaking up

and dissolving the solid material or diluting the solution should be performed outside the building. Where the work has to be done inside, adequate protection should be provided under and around all vessels containing the chloride by means of tarpaulins, trays or other suitable devices. The solid chloride should be broken up and dissolved in a watertight vessel by covering the same with clean water, that is, clean and free from deleterious acids, alkalis, salts or organic material and stirring the same from time to time. The solution should be allowed to stand over night so that residue, dust, impurities, etc, may settle to the bottom. The clean concentrated solution should be well stirred after each dilution before determining the specific gravity. The solution shall be prepared sufficiently early so that it is cooled to room temperature before use. The specific gravity of the chloride solution should be maintained at a selected value within the limits.

- b) Proportions of Dry Materials – As mentioned above at Serial. no. 2.
- c) Proportion of Chloride Solution-A strong floor finishing composition may be formed by adding only sufficient magnesium chloride solution to dampen the dry mixed materials. For single coat and top coat mixes, some additional solution is usually required to enable the mix to be placed and brought to a smooth finish. The extra chloride does not improve the strength of the mixture. The use of its excessive quantity will, rather, have harmful effects. The quantity of solution required for a given weight of dry mixture cannot be stated with accuracy. However, the following guidelines are provided

Single coat and top coat mixes - Single coat and top coat mixes should be gauged with no more solution than is needed to produce a stiff mix which is just sufficiently plastic to be spread with trowel.

3) Final Mixing - The mixing of the chloride solution with the dry mix should be carried out in trough or box or on a bunker and in no case directly on the floor. The quantity of material mixed in any one batch should be such as can be laid easily before initial set begins. The addition of further quantities of chloride solution during laying should not be permitted. If the mix becomes too stiff to be worked, it should be discarded.

4) Laying the Floor Finish - If the floor finish is to be laid on a concrete base, this should be thoroughly dry before commencement of laying. After laying, the top surface is to be finished with the help of floater.

5) Expansion joint treatment - No expansion joint is required for Magnesium Oxychloride flooring.

C. INSPECTION:-

a) **Inspection** - The work shall be inspected before commencement of laying of floor, during laying and after completion of laying. Special attention to be paid to the following points :

- a) General condition of the base,
- b) Protection of all metal work liable to corrosion,
- c) Correct mixing,
- d) Proper compaction, and
- e) Correct curing.

The contractor should ensure to maintain the work quality to fulfill the purpose – the smooth run of air caster of loading capacity of 250 Ton. Levelling of floor is under the scope of contractor and all the equipment/devices required to ensure proper levelling of the floor is to be bought by the contractor.

Scope of Work**Name of work: Providing and laying of Magnesium Oxychloride flooring in Bay 9 inside factory area.**

The total area covered in this contract is approximately 140.00 Sqm with the average thickness of 35 mm. However, thickness and consequently the area of work may vary as per the actual site requirement. The application procedure shall be as per technical specification mentioned in the tender.

The contractor should ensure to maintain the work quality to fulfill the purpose – the smooth run of air caster of loading capacity of 250 Ton. Levelling of floor is under the scope of contractor and all the equipment/devices required to ensure proper levelling of the floor is to be bought by the contractor.

The scope shall also include all associated & enabling works including the cost of labour, tools & tackles and materials except for those to be provided by BHEL free of cost or on chargeable basis as mentioned in the schedule.

Qualifying Requirements

1. Copy of PAN Card to be submitted.
2. Copy of GST Registration to be submitted.
3. Self Declaration undertaking duly signed with stamp of the bidder on Stamp Paper of Rs 100/- to be submitted.
4. Copy of independent ESI Registration.
5. Signed copy of Blank Price Bid.
6. (A) The bidder should have the experience of having successfully completed similar work against completed work order during the last seven years ending on **30.09.2019** amounting to values mentioned as under:
 - (1) One Work valuing not less than **Rs 3.79 Lakhs**.
Or
 - (2) Two works each valuing not less than **Rs 2.37 Lakhs**.
Or
 - (3) Three works each valuing not less than **Rs 1.90 Lakhs**.

Definition of Similar Work : Any type of chemical flooring work like epoxy, megoxy etc

(Note: For verification by the department, work order copy and work completion certificate mentioning successful completion by the client shall be submitted by the vendor. If the work is done for a private customer, relevant TDS Certificate (TRACES Only) must be submitted as evidence in addition to above work completion certificate & work order copy by the vendor.

(B) Turnover criteria: Average annual financial turnover during the last three years, ending **31st March, 2019 {i.e. FY-2016-17, FY-2017-18 and FY-2018-19}** applicable as per norm shall be at least **Rs 1.42 Lakh**. Financial statement (Balance sheet and Profit & loss account) duly audited by CA to be submitted as supporting documents. If not all balance sheet / financial statement are available for three years than the average shall be calculated by dividing the sum of turnover of submitted balance sheet/Financial statement by three.

Note: Provisional turnover for the FY 2018-19 duly certified by C.A. shall also be acceptable for evaluation purpose.

7. Taxes & Duries, Payment Terms, Bonus & LD Clause will be as per GTC issued by "Central Contracting Cell" and "Special Conditions of Contract for Civil Works" of BHEL Jhansi.
8. Documentary proof in support of above eligibility criteria along with EMD shall be submitted along with Techno Commercial Bid.
9. The documents required for legal entities under whose name and style contractor has participated in the tender are as follows:
 - (i) Partnership Firm: Partnership Deed & registration certificate issued by office of registrar of Firms.
 - (ii) Company: Certified copy Memorandum of Association, Article of Association and Incorporation Certificate.
 - (iii) Society: Registration certificate issued by Registrar of societies.
 - (iv) Sole Proprietor-ship: Undertaking on oath (Rs. 100 stamp paper) that Proprietor is solely responsible for all rights and liabilities while working under the name and style of Sole Proprietorship firm namely (_____)

GENERAL TERMS AND CONDITIONS OF ENQUIRY FOR WORKS
CONTRACTS (JHS2055C R00)

UPLOADED IN SEPERATE FILE - PAGE NO 01 TO 14
(To be signed by contractor and submitted along with bid)

SPECIAL CONDITIONS OF CONTRACT FOR CIVIL WORK**1. Special Conditions of Contract for Civil Work**

- a) These special conditions supplement the conditions enumerated in the tender and contract and the other general conditions of contract and form part of the contract documents. Where these special conditions are at variance with the general conditions of contract these special conditions shall prevail.
- b) The rate quoted for reinforced cement concrete items shall include smooth finishing of exposed faces. The top surfaces of roof slab shall be laid to specified slope and mortar that comes to surface due to vibrations shall be trowel led so as to obtain smooth and even surface.
- c) The BHEL reserves the right to deviate either by additions or by deductions from the schedule of items of work given in the tender document after awarding work.
- d) In case of any difference between agreement, wording and detailed drawings the interpretation of the BHEL shall be final and binding on the contractor.
- e) The final acceptance of work in all items are subject to proper performance after testing regardless of whether the items are paid for or not.
- f) If discrepancy in specifications observed between schedule of quantities and general / technical conditions, the specifications in schedule of quantities will have precedence over the general / technical conditions.
- g) Water will be supplied free of cost at one point for drinking and construction.
- h) Quantity records shall be prepared, maintained and submitted by contractor on regular basis during the course of execution. Test records shall be prepared, maintained and submitted by contractor during the course of execution and as demanded by Engineer-In-Charge. Contractor shall strictly adhere to quality requirements and shall follow the norms mentioned in Field Quality Plan (if applicable).
- i) In case of defective work BHEL will have full right to reject the work or part thereof. Such defective work if any, will have to be rectified by the contractor at his on cost. The opinion of Engineer in charge shall be final in this matter. If the defective work is allowed to stand BHEL shall have the absolute right to reduce the rates for such items and the contractor shall have no claims over such defective work allowed on reduced rates.
- j) The contractor shall have to make his own storage sheds for materials to be issued by BHEL. If deemed necessary by engineer in charge, the contractor shall make separate store for cement with double lock system. The empty cement bags shall be stocked at one place and at least 90% of them shall be returned to BHEL at BHEL stores in good condition without any additional payment. Therefore, if the total quantity of 90% empty cement bags is not returned by the contractor, the same will be recovered at the rate of Rs 3/- per bag from the bills.
- k) For all natural minerals used in the work like sand, aggregate, bricks, etc royalty certificate (MM-11) must be submitted along with bills. If royalty certificate is not submitted the cost of royalty shall be deducted from contractors bill as per prevailing Govt. order including penalty as applicable.
- l) Any electric power required for contractors' lighting/machinery for the purpose of work including fabrication work shall be supplied FREE OF COST at one point by the company on the written request of the contractor, subject to the observance of rules and regulations of Electric board / company. If it is observed that power is being wasted, BHEL shall have the right to recover cost of such consumption including arrears. Power will not be allowed for cooking and room (air) heating in winter season: For this purpose, on written application chargeable power can be allowed. The rates shall be the rates applicable for industrial consumption in U.P.

2. TAXES AND DUTIES

- a) Price quoted shall include all taxes/Duties/Royalties applicable as on date of submission of tender except GST.
- b) GST (as applicable) shall be payable additionally to the contractor at actuals at the rate prevailing at the time of execution against submission of GST registration no and production of documentary proof of payment of GST to the concerned Govt. Deptt. (as applicable).
- c) No claim shall be admissible on account of upward or downward revision in rate of existing taxes & duties (except GST as applicable) subsequent to bid submission. However, if any new taxes & duties are introduced subsequent to bid submission and during the currency of the contract including its extension if any for the reasons not attributable to the contractor, the same shall be reimbursed at actual against documentary evidence of remittance by the contractor. In case the contract period is extended for the reasons attributable to the contractor, no such reimbursement shall be made during extended period.
- d) Income Tax & other deductible tax (if any) shall be deducted at source (TDS) as per prevailing rules and certificate to this effect shall be provided to the contractor.
- e) Contractor to ensure timely remittance of SGST, CGST, IGST as applicable in time as per law.
- f) Contractor to ensure compliance to filing of monthly GST sales return including BHELs supplies by 10th of next calendar month in the online GST portal wherever applicable.
- g) Contractor to declare filing of timely returns and GST remittance/likely remittance /ITC adjustment along with invoice.
- h) Contractor to submit invoices compliant with GST invoice rules.
- i) Contractor to comply with all statutory provisions as may be applicable at the time of dispatch/sale. Any additional financial liability to BHEL on account of non-compliance by contractors shall be borne by them and shall be adjusted/ recovered from the contractor. BHEL reserves the right to review the existing offers/contacts for any revision in terms, which may arise due to change in any statutory provision to ensure that the benefit accrues to BHEL.
- j) Contractor to ensure TAX INVOICE submission to BHEL.
- k) In respect of cases where the liability to discharge GST is on BHEL under reverse charge mechanism, contractors have to ensure timely submission of invoices and delivery of material/services to BHEL, so that there is no mismatch on both activities. In case there is any additional financial liability on BHEL on account of default on the part of the contractor on submission or delivery of material/services the same shall be passed on to them.
- l) In respect of free issue material by BHEL, contractors have to return the processed material within the time line as per the provisions of GST. In case of any additional tax liability on BHEL on account of non- compliance by the contractor, the additional financial implications on BHEL shall be passed on to the contractor.
- m) Contractors to provide the applicable HSN/SAC codes as called for in the enquiry.
- n) As per provisions of section 171 of the CGST ACT 2017, bidders to pass on the anti - profiteering benefits accruing to them under GST regime to BHEL.
- o) In case of input credit is not available as denied by GST Portal due to in proper documentation or wrong uploading of data by bidder, the same will be recovered from bidder along with interest, if any.

3. PROVISION OF BONUS

Early completion of work is acceptable by BHEL. However, no reward/bonus on any early closure shall be admissible.

4. OVER RUN COMPENSATION (ORC)

Not applicable in this contract.

5. PRICE VARIATION COMPENSATION (PVC)

Not applicable in this contract.

6. MATERIAL HANDLING AND STORAGE

Adequate arrangement be made for material handling & storage taking due care against damages.

7. ACCOUNTING

- a) Proper method of accounting of steel, tore steel, cement & scrap material be followed. The books of such accounting be offered for auditing by BHEL at pre-decided regular interval.
- b) All debris and surplus materials shall be cleared from the site as and when directed by the Engineer-in-charge. Any temporary structure / stores made by the contractor for the work shall be demolished and site cleared before payment of final bill.
- c) Structural steel wastage /scrap shall be permissible upto 2% of total quantity of issued quantity. The wastage /scrap steel must be return by contract for reconciliation of steel. Wastage scrap beyond 2% will deducted @ Rs.75 per kg.

8. OVERPAYMENTS AND UNDERPAYMENTS

- a) Where-ever any claim for the payment of a sum of money to the company/ corporation arises out of or under this contract against the contractor the same may be deducted by the company/ corporation from any sum then due or which at any time thereafter may become due to the contractor under this contract and failing that under any other contract with the company/ corporation or from any other sum due to the contractor from the company/ contractor (which may be available with the company/ corporation) or from his security deposit, or he shall pay to claim on demand.
- b) The company/ corporation reserves the right to carry out post-payment audit and technical examination of the final bill including all supporting vouchers, abstracts, etc. the company/ corporation further reserves the right to enforce recovery of any overpayment when detected, notwithstanding the fact that the amount of the final bill may be included by one of the parties as an item of dispute before an arbitrator appointed under this contract and notwithstanding the fact that the amount of the final bill figures in the arbitration award.
- c) If a result of such audit and technical examination any overpayment is discovered in respect of any work done by the contractor or alleged to have been done by him under the contract, it shall be recovered by the company/ corporation from the contractor by any or all of the methods prescribed above or if any under payment is discovered, the amount shall be duly paid to the contractor by the company/ corporation.
- d) Provided that the aforesaid right of the company/ corporation to adjust over payments against amounts due to the contractors under any other contract with the company/ corporation shall not

extend beyond the periods of two years from the date of payment of the final bill or in case the final bill is a MINUS bill, from the date the amount payable by the contractor under the MINUS final bill is communicated to the contractor.

- e) Any amount due to the contractor under this contract for under payment may be adjusted against any amount then due or which may at any time thereafter become due before payment is made to the contractor, from him to the company/ corporation on any other contract or account whatsoever.

9. METHODS OF MEASUREMENTS

Except where any general or detailed description of the work in quantities expressly shows the contrary, schedule of quantities shall be deemed to have been prepared and measurements shall be taken in accordance with the procedure set forth in the schedule of rates – specification notwithstanding any provision in the relevant standard method of measurement or any general or local custom. In the case of items which are not covered by the CPWD schedule of rates – specification, measurement shall be taken in accordance with the relevant standard method of measurement issued by the Indian standards institution.

10. TIME LIMIT FOR PAYMENT OF FINAL BILL

The final bill shall be submitted by the contractor within three months of physical completion of the works. No further claim shall be made by the contractor after submission of the final bill and these shall be deemed to have been waived and extinguished. Payment of those items of the bill in respect of which there is no dispute and of items in disputes of quantities and at rates as approved by Engineer-in-charge, shall be made six month, the period being reckoned from the date of receipt of the bill by the Engineer-in-charge. After payment of the amount of the final bill payable as aforesaid has been made, the contractor may if he so desires, reconsider his position in respect of the disputed portion of the final bill and if he fails to do so within 90 days, his disputed claim shall be dealt with as provided in the contract.

11. TOTAL SCOPE AT A GLANCE

S.No.	Description	Scope of	
		BHEL	Bidder
1	Open space		
1.1	Open space for storage of material required.	Yes	
1.2	For fabrication.	Yes	
1.3	Covered/ready to use office rooms for projects.		Yes
1.4	Space for lodging for workers (Outside factory premises)		Yes
2	For living purpose of bidder staff		
2.1	Lodging & Boarding for Executives.		Yes
2.2	Lodging & Boarding for Workers.		Yes
3	Electricity		
3.1	Provision of electricity at single point.	Yes	
3.2	Further distribution of Electricity including required material and execution.		Yes
4	Water Supply		
4.1	Making the water available at single point	Yes	
4.2	Further distribution as per the requirement of work including supply of material and execution.		Yes
5	Transportation		
5.1	For project purposes		Yes
5.2	For the site personnel of the bidder		Yes
5.3	For the bidder equipment and consumables (T & P, Consumables etc.)		Yes
6	Lighting		
6.1	For Construction work (Supply of all the necessary materials & Execution)		
A	At office storage area		Yes
B	At the preassembly area		Yes
C	At the construction site /area		Yes
7	Communication Facility for site operation		
7.1	Telephone, internet, e-mail etc.		Yes
8	Shop Crane, if available (Free of Cost)	Yes	