



BEML Limited
(A Govt. of India Undertaking)

Ph: 07805-272668
Fax: 07805-272282

Zonal / Regional Office

PB No. 5, Jingurdha Colliery Singrauli- (MP) 486889

Bid Invitation: 6300029677

Quotations in e-mode are invited for running MARC(MAINTENANCE AND REPAIR CONTRACT) on shovels FOR 03 NOS. 295HD ROPE SHOVEL FOR 03 YEARS AT NCL, Jayant, (2NOS.) & NCL, Dudhichua (1 NO) in SINGRAULI

1. **Bid should be submitted in our SRM e-Procurement System only.**
2. To participate in this e-tender, you should have a **valid Class-III Digital Signature Certificate issued by authorized Certifying Authority to submit your bid in our SRM e-Procurement System.**

Please note that your bid should be submitted in our SRM e-Procurement system only. Interested vendors can contact us through e-mail: admin.srm@beml.co.in to obtain the username & password for submitting the bids.

Any queries related to submission of quotation may please be communicated through e-mail admin.srm@beml.co.in OR you may contact BEML SRM Team @ 080-22963269 or 22963141.

Corrigendum, if any, shall be uploaded on **BEML website only**.

Last date for submission of tender is on or before 30/11/2019 upto 14:00 Hrs.

For BEML Limited

Regional Manager

BEML Ltd, Singrauli - 486889



TENDER DOCUMENT

**MAINTENANCE AND REPAIR CONTRACT FOR
03 NOS. 295HD ELECTRIC ROPE SHOVELS FOR 03
YEARS
AT NCL, Jayant, (2NOS.) & NCL, Dudhichua (1 NO)
SINGRAULI**

1.0 Last date of receipt of filled Tender Document : 30.11.2019 @14:00

2.0 Date of opening of Technical Bid : 30.11.2019 @15:00

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Zonal / Regional Office

PB No. 5,

Jingurdha Colliery

Singrauli- (MP) 486889

Ph: 07805-272668, Fax: 07805-272282

E-mail: singrauli@rm.beml.co.in

Open Tender Notice

Tenders in two-bid system (Technical Bid and Commercial bid in e-mode through BEML SRM platform) are invited from reputed contractors who have previous successful experience of running MARC on HEMM equipment for a minimum period of 3 years or above.

Title of Work:

MAINTENANCE AND REPAIR CONTRACT FOR 03 NOS. 295HD ELECTRIC ROPE SHOVELS at NCL, Singrauli (2 nos. at Jayant & 1 no. at Dudhichua) for a period of 3 (Three) years with effect from the date of issue of contract / W.O.

Availability of Tender Document:

Tender document including terms and conditions of work to be downloaded from the SRM System / BEML website (To be done in coordination with SRM team Bangalore)

Eligibility:

The Service providers having previous experience in successful running of HEMM MARC OR having experience in Maintenance and Repair of Hoist, Crowd, Propel & Swing machineries etc. of Heavy Earth Moving machineries and having their own workshop facilities or agreement duly registered at sub-registrar's office for providing workshop facilities in and around Singrauli (towards Jayant and Dudhichua projects can only apply). (Please refer Annexure – 1 for eligibility criteria documents to be furnished)

Instruction to Bidders:

- Both Technical Bid and Price bid are to be submitted **separately** through electronic mode.

EMD: Bidders are required to submit an amount of Rs. 50,000.00 towards Earnest Money Deposit in the form of Digital transfer in favor of BEML Limited and copy of the same along with Technical Bid.

BEML Bank Account details:

Account number: 10773219053

Branch: SBI MORWA

IFSC Code: SBIN0003767

MICR Code: 486002516

Bidders are required to go through instructions carefully and submit the bid as required. **Clarifications if any may please be obtained from shovel service team / SRM team Bangalore.**

- Tender is in two bid system.
- Please note that as per the directives from Ministry of Defence, Class-III Digital Signature with encryption is mandatory for submission of bid on our e-Procurement system.
- Please note that activation of the Digital Signature Token in our system happens after 12.00 midnight from the Start Date of the validity, i.e. the next date after the Start Date of the validity. Hence in case you are getting a new Class-III Digital Signature Token or arranging renewal of the existing Class-III Digital Signature Token, it is strictly advised to get the same **activated** at least two days before the due-date of the tender.
- In case of any queries on Digital Signature or submission of bid in the system, please contact BEML SRM Team on 080-22963269, 080-22963141 or e-mail to admin.srm@beml.co.in by quoting our bid number.

Receipt & opening of Tenders:

Submission of Technical Bid:

- Please upload signed and scanned copy of all the pages of the technical bid document along with annexure in the Collaboration Folder in the system. Please ensure that no price details are mentioned in any of the documents uploaded as part of the Technical Bid. **If price is indicated in the technical bid, bid shall be rejected.**

Submission of Price Bid:

- Commercial Bid: Please quote the price details in '**Item Data**' in the system only against the respective items provided therein.

- Technical Bids of the bidders will be opened first on the Technical Bid Opening Date/Time. Price Bids of the technically accepted bidders only will be opened subsequently upon completion of the technical evaluation process.

Other Informations:

The intending Tenderers should note the following:

- a) Submission of Tender document, after due date and no extension of time is allowed in the system. Bidders shall have to get themselves registered with GST authorities.
- b) BEML Ltd, is not bound to accept the lowest Tender offer and reserves the right to reject any or all Tenders, or to accept wholly or partially any of the Tenders without assigning any reason whatsoever.
- c) BEML Ltd., Singrauli reserves the right to split the work in to two Bidders on the lowest price quoted in the ratio of 60:40, or the way BEML deems fit. Decision of Regional Manager BEML Ltd., Singrauli is final and binding.
- d) If the EMD amount (strictly in online mode) as specified is not received before the closing date, bid will be rejected.
- e) **Pre Bid meeting will be held at Regional Office, BEML Ltd., Singrauli, interested firms my contact for date before submission of bid at Website.**

Regional Manager

BEML Ltd, Singrauli - 486889

Tender Document

(Techno-commercial)

TITLE OF WORK:

MAINTENANCE AND REPAIR CONTRACT (MARC) FOR 03 NOS. 295HD ROPE SHOVELS (2 nos. at NCL, Jayant & 1 no. at NCL, Dudhichua) at NCL, Singrauli for a period of 03 (Three) years with effect from the date of issue of contract / W.O.

TERMS & CONDITIONS:

- 1) **Operators** for 295HD Electric Rope Shovels will be provided by NCL with POL.
- 2) **Validity of offer:** 180 Days from the date of Tender opening.
- 3) **Contract Period: 03 {Three} years.** (With the option of 01 year Extension depending on mutual agreement).
- 4) Work order initially will be issued for one year and will be renewed on annual basis based on satisfactory performance for the year completed as per T&C of the contract. Service provision to be 24 hoursX365 days basis.
- 5) **Site of operation:** NCL, Jayant Project (2 Nos) & NCL, Dudhichua project (1 no).
- 6) **Earnest Money deposit (EMD): EMD amount of Rs.50,000.00 to be electronically transferred.**
- 7) **Facilities to be availed by the MARC holder from NCL.**
 - a) Lubricants.
 - b) Electricity.
 - c) Covered and unfurnished warehouse and space for office.
 - d) Existing workshop facilities at Project including higher capacity crane (70Ton) if required subject to availability. **Crane, Dozer & truck arrangement from NCL is contractor's responsibility.**
 - e) General security arrangement – Security arrangement as available for assets of NCL shall also be extended to the equipments covered against MARC contract.
 - f) BEML or NCL will not take any responsibility for any loss or damage to contractor's property.
- 8) **Utilization of Equipment:** BEML Ltd., thru M/s NCL, expects to utilize each rope shovel annually for 5000 hours. There may be a variation of \pm 500 working hours during a year.

- 9) Spares required for operation** (excluding POL) shall be provided by BEML Ltd. on no cost basis and has to be collected from BEML Ltd. Singrauli Depot periodically. The spares will have to be kept safely with the contractor at their own risk & responsibility and proper record & accounting has to be maintained as per the advice of BEML Ltd. If any items/parts are lost without fitment, the cost of the same will be deducted as per BEML's procurement policy.
- 10) Sub-letting** of the awarded contract is strictly prohibited. In case of violation, the contract can be terminated with immediate effect.
- 11) Services to be provided by the contractors:**
- a) Daily checks to be carried out for each equipment before start of the shift for proper working of all the systems, i.e. Electrical, Mechanical, Lubrication system & any loose nut / bolts to be tightened; checking of all controls and ensuring that all are working in good condition.
 - b) Daily, Weekly, Monthly, Semi-annual, Annual & other maintenances as per operation and maintenance Manual. Precise list of exclusions to be mentioned.
 - c) Periodical maintenance of all the systems as per O&M manual and prescribed by BEML from time to time including preventive maintenance or when instructed so.
 - d) Monitoring the working of Shovels on three shifts basis at project site and maintaining the same so as to achieve a minimum monthly availability of 87%.
 - e) Minor and major repair of assemblies, sub assemblies as and when required in both mechanical & electrical systems.
 - f) Design modification, Precision machining, fabrication jobs and motor repair jobs as identified by M/s BEML Ltd. only shall be excluded.
 - g) Carry out periodic maintenance and repair of the Bucket Dipper & Door. The bucket assembly and door is expected to give a life of 5,000 hours before major reconditioning / Repair job is taken up. Also one float bucket assembly is provided for each Rope Shovel during the MARC contract and this float bucket is to be recycled after approximately every 5,000 hours of operation. The cost towards major repair/reconditioning of the bucket assembly (inclusive of consumables such as welding electrodes, gas, hard facing rods, wear plates, Ribs etc and welding

machines along with leads and accessories) has to be separately quoted (Exclusive of taxes) in the Price bid.

This includes the running bucket assembly which is fitted on the Machine.

- h) Up-keep (housekeeping) of the equipment with all necessary cleaning items (cleaning solvents, cloth, cotton waste, floor mop etc.) to be provided by the contractor.
- i) Collection of failed assemblies from the field (removed from the rope shovels) and hand over to BEML Ltd. Stores on monthly basis. **If the removed items are not returned / handed over before end of each MARC month as per NCL, 10% value of cost of corresponding new item will be deducted from the monthly MARC bill of the contractor. LCV vehicle provision for both, issue of new items from stores and return of failed assemblies from Site is in the scope of the supplier.**
- j) The contractor should visit shovels during maintenance time on regular basis (at least twice a week per shovel).
- k) The contractor shall meet M/s. BEML Ltd. representatives at Jayant erection office to have discussion with regards to activities planned for the shovels as per the contractual obligation.
- l) Co-ordination with NCL for Crane, Dozer, Dumper or other facilities or infrastructure required /needed/necessary during the entire contract period is the responsibility of the contractor.
- m) Operation and maintenance of NCL issued wireless set is the responsibility of contractor.

12) Availability Provisions:

- a) The contractor shall guarantee that the **monthly availability** of the equipment shall not be less than 87% (Eighty Seven percent) during the MARC period of three years or Availability to be ensured by the contractor on monthly basis is 5% over and above the stipulated availability by NCL to BEML whichever is on lower side.
- b) The contractor shall guarantee that the equipment will be available to perform its duty to minimum criteria and to maintain availability percentage level as detailed above. The method of assessment applied shall be as follows.

- c) The contractor should maintain and submit monthly a logbook equipment wise where in the working hours, breakdown time, maintenance hours, idle time and details of consumables usages including fuels, lubricants etc shall be recorded.

Method of assessment:

The following calculation shall determine the availability of the equipment:

$$\% \text{ Availability} = \left(\frac{\text{Scheduled Available Time} - \text{Downtime}}{\text{Scheduled Available Time}} \right) \times 100$$

Scheduled Available Time = 24 hours

The calculation is based on 365 working days each year.

- ❖ Downtime shall mean all hours lost due to mechanical, electrical or other failure including:
 - a) Breakdowns, routine servicing and maintenance in accordance with BEML Ltd. recommendation including changing of oils, filters, lubrication, changing identified consumables or wear parts.
 - b) Planned preventive maintenance programs.
- ❖ Downtime shall not however include:
 - a) Damage due to abusive use or incorrect operation method by the operator.
 - b) Accident, blasting, face collapse.
 - c) Natural disaster.
 - d) Strike or stoppage of work by the NCL personnel.
 - e) Design modifications/Alterations carried out by BEML Ltd. to improve reliability.
 - f) Outsourced jobs carried out by M/s BEML Ltd. on shovels.

It shall however not exclude the time lost due to industrial relations problems of contractor's personnel.

13) Liquidated damages / Penalty:

In the event that the Equipment fails to achieve the guaranteed availability as above (clause-11) on monthly basis during the contract period, a penalty of the value indicated hereunder will be levied & the same will be deducted from the monthly payment bill “basic total cost per month excluding taxes and duties” for each equipment’s separately covered under this contract.

| a) <u>Monthly % Availability</u> | <u>Penalty</u> |
|---|--|
| Above 87 % | Nil |
| Below 87 % to 82 % | 2 % of “basic total cost per month excluding taxes and duties” charges for every % drop. |
| Below 82 % to 72 % | 15 % of ““basic total cost per month excluding taxes and duties” charges. |
| Below 72 % | 20 % of ““basic total cost per month excluding taxes and duties” charges. |

b) Manpower, Vehicle and Tools:

- I) Daily attendance for the MARC manpower equipment wise shall be recorded by BEML site Engineer and any shortage will attract monthly deduction proportionally from the finalised manpower cost.
- II) Labour cost per day trade wise (supervisor, electrician, welder, fitter & helper) shall be furnished clearly.
- III) Vehicle availability shall be recorded on daily basis and any short come will attract monthly deduction proportionally from the finalised per day vehicle cost.
- IV) In case of tools, if any is purchased by BEML Ltd. due to failure on the part of the contractor to provide the same, cost incurred will be deducted from contractor’s monthly bills.
- V) In case of BEML Ltd. engaging extra / additional manpower due to delay in completion of assigned maintenance job by the contractor, the labour cost so incurred, shall be deducted from the monthly bill and paid to the outsourced agency against their service bill.

14) Facilities to be deployed/ provided by the Contractor:

- Hand Tools(Spanner set double end & ring / Socket set / T- handle / Ratchet etc.),Lifting slings & tackles, Safety Belts/ropes, Mechanical & Hydraulic Torque wrenches, Hand grinders and Gas cutting set required for the services mentioned in clause (9).
- Vehicle for transportation of the men, materials, tools & tackles to be provided equipment wise (i.e. three vehicles in this case).**Vehicle should not be more than 3 years old. LCV for material movement from R.O stores as and when required is in the contractor's scope as well. Vehicle should meet all safety / DGMS norms as prescribed by the NCL Safety Officer for plying in the mine area.**
- Consumables like welding and cutting electrodes, gas for cutting operation.
- Cleaning materials like cloth, cotton waste, thinner, diesel etc. on daily basis.
- Heavy duty Multi-meter, Tong tester and Meggers-5KV & 1KV (insulation tester) with each machine (Fluke make).
- Contractor has to arrange accommodation for their persons on their own cost.
- Workshop facilities like Lathe machine, drilling machine (upto 2" hole), Compressor, Vice , Bench Grinder, Milling machine, Welding machine, hydraulic press and flame cutting machine to be arranged by Contractor catering to jobs like turning, milling, threading, cutting, pressing, drilling etc.
- The acceptance of technical bid will be subject to onsite inspection of the workshop facility (address shall be mentioned in the tender) to be utilized during the contract period by BEML personnel.

15) Man power deployment:

- a) A gang of minimum 18 persons per equipment (Supervisor–3, Electrician–3, Fitter–3, Helper–6 & Welder–3) for round the clock operation with safety items as per Mining rules. Qualification / Trade certificates for each and every personnel to be furnished during execution and deployment. It is not just head count and BEML reserves the right to scrutinize, interview and select the manpower as per trade requirement above. Deployment of manpower of 18 per shovel round the clock shall be purely as per BEML's requirement. Deserving candidates with relevant

experience who have worked on our MARC shovels even without educational credentials may be considered at the discretion of BEML.

- b) Manpower deployed by the contractor shall be covered under ESI or Group health insurance to be covered and produced, EPF, Minimum wages act, weekly offs and other statutory labour laws applicable, that comes to force from time to time. Overtime allowance to be paid for duty hours beyond 8hrs or holiday work.
- c) The contractor will disburse Monthly wages (as per minimum wages notified by labour commissioner) to manpower only through their respective bank accounts and monthly statement of salary disbursement to be furnished to our finance department.
- d) PF challans and GST challans to be furnished on monthly basis to our Finance Dept. (Quarterly scrutiny will be done by Finance Dept. to give clearance for next quarter payment)
- e) The contractor will be solely responsible for providing uniforms, shoes & safety items to the personnel engaged for working in the mine area as per DGMS& NCL norms.
- f) ID cards and valid VTC's of the personnel is the responsibility of contractor.
- g) Electricians deployed should have valid HT License as per DGMS rule.
- h) Workman compensation act compliance is the total responsibility of the service provider.
- i) Police verification certificate for all the deployed manpower to be furnished by the contractor.

16) Payment:

Part A: BEML Ltd. will pay “basic total cost per month plus taxes and duties” for the fleet of equipments’. Applicable taxes details to be indicated separately.

| CATEGORY | FLEET | LUMP-SUM “ON-SITE LOGISTICS & LABOUR CHARGES” IN Rs. PER EQUIPMENT | LUMP-SUM “ON-SITE LOGISTICS & LABOUR CHARGES” IN Rs. THREE EQUIPMENT |
|-------------------|--------|--|--|
| 295HD Rope Shovel | 03Nos. | | |

Part B: BEML Ltd. will pay Lumpsum Bucket Repair / Reconditioning charges and Line Boring & Other machining charges for each Shovel basis for the fleet of equipments on furnishing the separate bill after repairs at the end of each year.

Part – A Payment shall be released on monthly basis only against joint report signed by BEML site Engineer after the availability report signed between M/s BEML Ltd. & M/s NCL within 21 days.

17) Taxes and Duties:

- i. All taxes, duties and levies including GST, works contract tax, income tax or any other tax as applicable to execute this contract shall be paid by the contractor as per existing rules and regulations of central / state Government requirement.
- ii. Income tax as applicable shall be deducted from the contractor's bill at the time of payment.
- iii. Any future upward / downward revision of all applicable taxes will be processed and paid against documentary evidence.

18) Logistics & Labour Charges:

- (i) The lump-sum "basic total cost per month excluding taxes and duties" indicated by the contractor shall be inclusive of all other taxes (excluding GST), duties, levies & charges applicable as per state/central govt. at the time of finalization of the contract.
- (ii) Applicable rate & amount is to be quoted for GST "on site logistic & labour charges".
- (iii) The GST shall be payable extra against documentary evidence.
- (iv) The lump sum "basic total cost per month excluding taxes and duties" indicated by the contractor should mandatorily include the followings:-
 - Labour cost per day trade wise for the manpower to be deployed.
 - Vehicle cost per day basis / monthly basis used for transportation of men material and tools.
 - Monthly cost for the Workshop facility and tooling to be utilized during the contract period.

- **IMPORTANT NOTE: All the above break up should include govt. minimum wages act for labour & prevailing market rate for other components which is mandatory as per Govt. rules and regulations as per labor law rates for other items. BEML has these details readily available and any quote by the contractor if found below the Govt. statutory requirement, BEML reserves the right to reject their commercial bid even though they are technically acceptable.**
- (v) The logistic and labour charges will be firm & final after negotiations and shall be in force until completion of the MARC contract period.
- (vi) The contractor shall provide all documentary evidence as may be required by BEML for payment of taxes, duties and levies, if any.
- 19) Any other terms and conditions, stipulated by NCL would be incorporated on a back to back term in the contract.**
- 20)** PAN Number shall be provided together with authenticated copy by the contractor.
- 21)** The successful contractor shall submit Bank Guarantee on any nationalized bank in favor of BEML Limited for 10% of the annual works contract value valid till the completion of the MARC contract period. Indemnity bond as per BEML prescribed format for the total value of the contract valid for the MARC period shall be submitted by the successful contractor before commencement of work. Payment will not be released until submission/validity of PBG.
- 22)** Copy of latest GST registration shall be enclosed.
- 23)** Copy of registration Proprietorship, partnership deed, power of attorney, articles of association to be enclosed.
- 24)** Copy of company registration to be enclosed by the contractor.
- 25)** Details of manpower to be deployed and other infrastructure facilities available / to be provided during the MARC contract period shall be clearly indicated by the contractor.

- 26) Integrity pact has to be submitted along with the bid, it is available on the website of BEML. Non attachment of the same shall amount to rejection of the bid.**
- 27)** Affidavit in original on non-judicial stamp paper duly authenticated by the notary declaring that none of the relatives of the tenderer is employee of BEML Ltd. and no sister concern of the tenderer is participating in the same tender.
- 28)** Tenderer should ensure implementation of CMPF and misc. provisions act 1948 and allied scheme. Tenderer should submit affidavit in this regard.
- 29)** A declaration that the offer shall remain valid for a minimum period of six months from the date of opening of the tender subject to further extension on mutual agreement basis.
- 30)** Tenderer should also submit NIT acceptance and declaration to the effect that no condition has been given in the price bid on letter pad along with list of documents enclosed with tender documents. If the Tenderer gives any conditions in his offer beyond whatsoever has been stipulated in the tender document, the tender would be liable for rejected without making any reference to the tenderer.

31) Termination of Contract :

Non-performance in whole or in part by the contractor of any obligation under this contract due to reasons within his control shall be treated as breach of the contract, entitling the company to terminate the contract and to recover from the contractor the cost of damages sustained by the company for such default by the contractor and due to termination of contract. BEML has the right to terminate the contract by giving written notice one month in advance.

32) Tender Evaluation & Arriving at L1 :

After technical evaluation, Evaluation of commercial bids (for those technically accepted bids) will be done after considering total cost i.e. sum of total Annual MARC Charges (Part A x 12) for each equipment + Part B (one bucket repair / Reconditioning charges & one Line Boring dipper handle equalizer brackets **excluding** GST. This will be done strictly in compliance with Min wages existing as on date, PF acts& ESI or Group insurance and the under quoted bids without compliance of above will be rejected.

- 33) Force majeure clause:** The awarded contract for 3 years will be deemed short closed in the event of termination of MARC contract between M/s BEML Ltd. and M/s NCL for any reasons what so ever and BEML will not be liable to pay any damages for the termination of contract due to this reason.
- 34) Arbitration:** If BEML Ltd. and contractor are not able to resolve any dispute amicably within a reasonable period of time, such dispute shall be referred to a sole Arbitrator to be appointed by BEML Ltd. and the proceedings before the Arbitrator shall be governed by the provisions of Arbitration and Conciliation Act 1996 in which event the Arbitration proceedings shall be held at Bangalore and the arbitrator shall be required to give reasoned award.

Price Bid

This is only for reference. Price is to be entered in the 'Item Data' in SRM System ONLY

| S. No. | Description | Quantity (Nos) | Remarks |
|--------|---|----------------|---|
| 1) | A) Lumpsum “on site logistic and labour charges” per month in Rs. Per Equipment. | 3 | Please quote the per month per each equipment charges against item SI. No. 1 in the system only. |
| 2) | B.(i) Lumpsum Bucket Repair / Reconditioning charges for each Shovel per annum including the bucket which is running on the machine which includes Labour Charges, Material cost (Plates, Welding Rods etc), | 3 | Please quote the Lumpsum charges per Shovel per Annum against item SI. No. 2 in the system only. |
| 3) | B.(ii) Line Boring & machining charges per each Shovel per Annum | 3 | Please quote the charges per each Shovel per Annum against item SI. No. 3 in the system only. |

Note:

*Price quoted above shall be as per clause (16 &17) in tender document.

** Evaluation will be done after considering total cost i.e. Sum of total Annual MARC Charges (Part A x 12) for fleet of 3 equipment + Part B (one bucket repair / Reconditioning charges & one Line Boring of dipper handle equalizer brackets for each equipment annually for three Shovels.) excluding GST.

[Contractor should repair the float bucket well in advance and keep ready float for usage at any time].

Technical Bid

Qualifications for Tender participation:

Sub: Maintenance and repair contract for 03 Nos. 295HD Rope Shovel at NCL

Scanned copy of the Documentary Evidence to be uploaded in Collaboration Folder is mandatory.

| Sl. | Requirement | Documentary Evidence |
|-----|--|--|
| 01. | Previous Experience : Have executed similar jobs On site services. | Copy of purchase orders / Contracts (in the name of the firm confirming the eligibility criteria are only to be uploaded with credentials of related repairs) |
| 02. | Satisfactory Performance & GST compliance | Performance certificate from the previous service hirer for satisfactory / successful completion without any pending legal litigation to be uploaded. Also firm should furnish copy of GST compliance return for the FY 2018-19. |
| 03 | Workshop facility: Lathe machine, drilling machine (up to 2” hole), Compressor, Vice , Bench Grinder, Milling machine, hydraulic press and flame cutting machine to be arranged by Contractor catering to jobs like turning, milling, threading, cutting, pressing, drilling etc. | In case the Bidder, not owning the workshop in and around Singrauli as prescribed, a copy of agreement with local workshop owner duly registered at sub-registrar’s office to be enclosed. |

*** Please specify a measurable yardstick either by value of contracts / duration. In addition to the above mentioned documents, please also upload all other supporting documents as per the Tender Document.**

Note: The above details are true and correct and if found incorrect after verification by BEML, the Technical Bid will be disqualified.

Yours faithfully

Name :

Designation :

Name of the firm :

Date :

Seal :

DOCUMENTS TO BE UPLOADED DURING BID SUBMISSION:-

| Clause no | Description of requirements & Relevant clause's applicable to the tender. | | |
|-----------|---|---|---------------|
| I | Documents | Requirement | Action |
| I-a | PAN number | Documentary proof | Upload |
| I-b | GST number | Documentary proof | |
| I-c | Company Registration | Documentary proof | |
| I-d | Firm ownership | Documentary proof | |
| I-e | Work experience | Documentary proof | |
| I-f | Non relative in BEML | Affidavit | |
| I-g | Implementation of CMPF & Misc. Provisions Act 1948 & allied scheme | Affidavit | |
| I-h | EMD | Payable at Singrauli by electronic transfer. | |
| II | Workshop Facility | Requirement | Action |
| II-a | Owned | Photographs | Upload |
| II-b | In case use of other firm | a) Agreement registered at sub registrar's office covering whole period of this contract b) Name of the firm c) Address of the firm d) SSI registration e) Tax registration | |

DOCUMENTS TO BE SUBMITTED DURING FINALIZATION OF THE CONTRACT

| III | Manpower per shovel | Requirement | Rate per person / day | Penalty |
|-------|--|---|-----------------------|--|
| III-a | Supervisor (3 persons) | Relevant Trade certificate | | Depends on no. of person not reported for duty in a particular month |
| III-b | Fitter (3 persons) | | | |
| III-c | Electrician (3 persons) | | | |
| III-e | Welder (3 persons) | | | |
| III-f | Helper (6 persons) | | | |
| IV | Vehicle | | Requirement | |
| IV-a | Utility vehicles & LCV | | | Depends on no. of days not reported for duty in a particular month |
| V | Consumables per month/ Shovel | Requirement | Rate / month | Penalty |
| V-a | Cotton waste | 10Kgs | | Depends on no. of days not made available in a particular month |
| V-b | Wiping cloth | 10Kgs | | |
| V-c | Kerosene | 10ltrs | | |
| V-d | Thinner/ Diesel | 10ltrs | | |
| V-e | Welding rods MS | 75Kgs | | |
| V-f | Gouging rods | 25Kgs | | |
| VI | Tooling / shovel | Requirement | Rate / month | Penalty |
| VI-a | Standard DE/ heavy duty/extra heavy duty Ring spanner, Sockets, Ratchet, etc | Set should cover all the sizes of fasteners used in equipment | | Depends on no. of days not made available in a particular month |
| VI-b | Trip Torque wrenches | | | |
| VI-c | Hand grinders | 3 | | |
| VI-d | Angle grinder | 3 | | |
| VI-e | Multimeter | 3 | | |
| VI-f | Megger | 3 | | |
| VI-g | Hydraulic torque wrench/ | In case need | | |

| VII | Workshop to facilitate | Requirement | Rate / month | Penalty |
|--------|------------------------------|---|--------------|--|
| VII-a | Turning | arises All mechanical repair jobs on the shovel to be carried out during the entire contract period. Floats removed from shovels is under BEML scope for repair. However final say in this regard rests on M/s BEML. | | Depends on no. of days facility not made available in a particular month |
| VII-b | Boring | | | |
| VII-c | Drilling | | | |
| VII-d | Welding | | | |
| VII-e | Fabrication | | | |
| VII-f | Line boring | | | |
| VII-g | Gas cutting | | | |
| VII-h | Machining | | | |
| VII-i | Fitting | | | |
| VII-j | Brazing | | | |
| VIII | Spare Dipper welding | Requirement | Rate / Annum | Penalty |
| VIII-a | No of dipper/annum | One / shovel | | Depends on no. of dipper not made available in a particular year |
| VIII-b | Welding rods | 400Kgs | | |
| VIII-c | Scrap material of T1 steel | 1000Kgs | | |
| VIII-d | Wear package | 3000Kgs | | |
| IX | Running Dipper welding | Requirement | Rate / month | Penalty |
| IX-a | No of running dipper | 3 | | Depends on no. of dipper not made good during operation on shovel |
| IX-b | Welding rods | 100Kgs / shovel | | |
| IX-c | Scrape material | 200Kgs/ shovel | | |
| IX-d | Wear package | 200Kgs / shovel | | |
| X | Safety | Requirement | Rate / month | Penalty |
| X-a | Helmet, goggles, hand golves | Compulsory | | Depends on no. of days not adhered to in a particular month |
| X-b | Safety gears | | | |
| X-c | VTC | | | |
| X-d | Adhering to DGMS norms | | | |

| XI | General | Requirement | Penalty |
|------|---|-------------|---|
| XI-a | Collection of Spares from BEML Stores | Compulsory | Depends on no. of days not adhered to in a particular month |
| XI-b | Delivery of failed parts to BEML Stores | | |
| XI-c | Coordination with NCL for facilities like Crane, Dozer, Truck etc., | | |
| XI-d | Manpower PF, ESI etc. facilities | | |
| XI-e | Maintaining & operating wireless hand set | | |