

CHHATTISGARH MINERAL DEVELOPMENT CORPORATION LIMITED

(A GOVERNMENT OF CHHATTISGARH UNDERTAKING)

PHONE: 0771-4283557/
4043477
FAX: 0771-4001074



SONAKHAN BHAWAN
RING ROAD NO.1
PURENA, RAIPUR (C.G.)

Tender no: CMDC/Bauxite/2017/01

TENDER FORM

FOR

**SUPPLY, ERECTION, COMMISSIONING & MAINTENANCE
OF 60 M.T. ELECTRONICALLY CONTROLLED PIT LESS
LORRY WEIGH BRIDGES AT SPECIFIED PLACES IN
VILLAGE-NARMADAPUR, TEHSIL-SITAPUR, DISTT.-
SURGUJA IN THE STATE OF CHHATTISGARH**

**(A TURN KEY PROJECT OF WEIGHING SYSTEMS INCLUDING CIVIL
FOUNDATION WORK)**

**Cost of Tender Document : Rs.5,000 (Rupees five Thousand Only)
(Non Refundable) Per Tender form**

Note:- Tenderer has to attach Demand draft of Rs. 5,000/- in favor of CMDC payable at any Nationalized/Scheduled Bank at Raipur. (Non refundable) towards the cost of tender document if it is downloaded from the website.



CHHATTISGARH MINERAL DEVELOPMENT CORPORATION LIMITED
(A Government of Chhattisgarh Undertaking)

Phone : 0771-4283557
Fax : 0771-4001074
E-Mail : cmdcraipur_ho@rediff.com

Sonakhan Bhawan
Ring Road No.1
Purena,
Raipur (C.G.)

-: DISCLAIMER :-

- 1.1 This document is not an agreement or an offer by CMDC to bidders or any third party. This document is to make available to interested parties with information to facilitate formulation of their offers.
- 1.2 This document does not purport to contain all the information, an interested party may need. It is not possible for CMDC to consider the specific needs of each party who uses this document. The concerned parties should conduct their own exercise and analysis to satisfy themselves about the completeness of the information and obtain independent advice.
- 1.3 Neither CMDC nor its employees make any representation or warranty as to the accuracy, reliability or completeness of the information in this document.
- 1.4 Neither CMDC nor its employees shall have any liability to any bidder or any other person under law of contract, tort, the principles of restitution or unjust enrichments or otherwise for any loss, expense or damage which may arise from or be incurred or suffered in connection with this bid document, or any matter deemed to form part of this bid document, the award of work or any other information supplied by or on behalf of CMDC or its employees or otherwise arising in any way from the selection process for the contractor.
- 1.5 The bidder should confirm that the document received by him is complete in all respect. In the event the document or any part thereof is mutilated or missing the bidder must notify CMDC immediately at the following address.

To,

The Managing Director
CMDC Ltd.
Sonakhan Bhawan, Ring Road – No. 1
Purena, Raipur (C.G.) – 492006
Ph: 0771-4043477 / 4283557
Fax: 0771-4001074

If no information is received by CMDC at the above mentioned address within 3 (three) days from the date of issue of the bid document, it shall be deemed that the document received by the bidder is complete in all respect and that the bidder is fully satisfied with the document. No extension of time shall be granted to any bidder for submission of its offer on the ground that the bidder did not get a complete set of the document.



- 1.6 The document and the information contained herein are strictly confidential and privileged and / or for exclusive use of the party to whom it is issued. This document must not be copied or distributed by the recipient to third parties. (other than to the extent required by applicable law or in confidence to the recipient's professional advisors, provided that such advisors are bound by confidentiality restrictions at least as strict as those contained in this bid document). In the event any recipient, after the issue of the bid document, does not continue with its involvement of the bidding process for any reason what so ever, this document and the information contained therein must be kept confidential by such party or its professional advisors at all times.
- 1.7 CMDC reserves the right to change, modify, add or alter the document at any time during the bidding process. All parties to whom this document is issued shall be intimated of such change. The bidders or its associate company or any third party shall not object to such changes/modifications/additions/alterations explicitly or implicitly. Any such objection by the bidder shall make the bidder's proposal liable for rejection by CMDC for the objection by any third party shall be construed as infringement of confidentiality and privileged rights to CMDC in respect of this bid document.
- 1.8 The bidders or their authorized representatives shall not make any public announcement in respect of the bidding process or this bid document. Any public announcement to be made in this regard shall be made exclusively by CMDC. Any breach by the bidder of this clause shall be deemed to be non-compliance with the terms and conditions of this document and shall render the proposal liable to rejection. CMDC's decision in this regard shall be final and binding on the bidders.
- 1.9 It is clarified that the provisions of clause 1.6, 1.7 and 1.8 shall not apply to information already available in the public domain prior to the issue of this bid document.



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ENCLOSURES

This tender document contains the following enclosures -

1. The Notice Inviting Tender
2. Covering Letter for submission of Tender documents
3. Part-I (Techno Commercial Bid) - which includes

Annexure-A- Instructions to the tenderers

Annexure-B- Terms and Conditions of the Tender.

Annexure-C- Credential Form

4. Part-II (Price Bid) Price Bid (To be submitted by the tenderer in a separate envelope)



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Raipur (C.G.)

Tender no: CMDC/Bauxite/2017/01

Dated: 26.04.2017

THE TENDER NOTICE

1. Chhattisgarh Mineral Development Corporation Ltd. (CMDC) invites sealed tenders from the manufacturers of weigh bridges for supplying, erection, commissioning & maintenance of 60 M.T. electronically controlled pit less lorry weigh bridges at specified place in Village-Narmadapur, Tehsil-Sitapur, Distt.- Surguja in the state of Chhattisgarh on turn-key basis.
2. The tender form will be available for sale from **01.05.2017** to **22.05.2017** during office working day and time and the offers will be received till **22.05.2017 (up to 3:00 P.M.)**. Part-I of the tender will be opened on the same day at **4:00 P.M** at CMDC's Head Office, Sonakhan Bhawan, Ring Road No-1, Purena, Raipur (Chhattisgarh). Tender notice can be viewed and downloaded from CMDC's website <http://www.cmdc.co.in> also from **01.05.2017**.
3. Tender form may be obtained from the CMDC's Head office at 1st floor, Sonakhan Bhawan, Raipur on payment of Rs 5,000/- (Non refundable) by way of Banker's Cheque/D.D. drawn in favour of CMDC, payable at Raipur or by payment in cash. In case of downloading from website the party has to submit a DD/Bankers Cheque of Rs. 5,000/- along with the Part-I of the Bid. Further any clarification/ amendment related to tender will be uploaded in the CMDC's website only.
4. CMDC reserves the right to reject any or all the tenders at any stage in the paramount interest of CMDC For details please contact on: **Phone No. 0771-4283557, 4043477.**

MANAGING DIRECTOR



To,

**The Managing Director
Chhattisgarh Mineral Development Corp. Ltd.,
Sonakhan Bhawan, Ring Road No.1.
Raipur (C.G.)**

Ref: **Tender Notice No....., dated.....**

Sub: Submission of Tender for supplying, erection, commissioning & maintenance of 60 M.T. electronically controlled pit less lorry weigh bridges at specified place in Village-Narmadapur, Tehsil-Sitapur, Distt.- Surguja in the state of Chhattisgarh on turn-key basis.

Sir,

I/We..... (Name of Tenderer) offer to the works as indicated in the Tender Notice and the Tender Documents, at the rate quoted and hereby bind myself/ourself to execute the work as per the scope stipulated in the Tender Documents and under the subject stated above.

2. I/We have read the conditions of NIT and the Tender document, attached hereto and agree irrevocably to abide by such conditions. We have visited the site, examined and understood the ground realities and agree to execute all the work and achieve the targeted quantities, without any let or demur or hindrance.

3. We bind ourselves to furnish the required security deposit, execute an agreement in the proforma prescribed by CMDC Ltd. and commence the work as per the tender conditions. We also give our consent to CMDC that in case of our failure to execute agreement my EMD amount shall be forfeited.

Encl: List of documents.

- 1) Part-I (Techno Commercial Bid)
- 2) Part-II (Price Bid)

Signature & Seal of the Tenderer

Witnesses:

1.

2.

Address:.....

.....

.....



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“ANNEXURE-A”

PART-I OF THE TENDER DOCUMENTS

INSTRUCTIONS TO THE TENDERERS

1. BID SYSTEM:-

The tender will be on two-bid system i.e. Techno Commercial bid (Part-I) and Price bid (Part-II).

- 1.1 The tender shall be submitted with EMD along with all technical documents as required in qualifying criteria in Part-I i.e. Techno-Commercial bid and Part-II i.e. Price Bid in two separate sealed covers super-scribing for which the tender is submitted, name and address of the tenderer. The above covers (Part-I and Part-II covers) shall be put in another cover super scribing the job for which the tender is submitted along with name and address of the tenderer and should bear the address "Managing Director" Chhattisgarh Mineral Development Corporation Ltd., Sonakhan Bhawan, Ring Road No-1, Raipur(C.G.) . The tenderer should mention complete Postal address and Telephone number, Fax number, E-mail address etc. on the bottom left hand side of the envelope. The tenderer may submit any other details that he may like to furnish at appropriate place without any cutting, alteration etc. in prescribed Tender form.

Prescribed tender document purchased from CMDC should duly filled in and signed by the authorized signatory of the bidder and other required documents should be enclosed with Part-I of the bid. The Part-II (Price Bid proforma) should be separated from original tender document and it should be submitted along with price bid offer.

2. CONDITIONS FOR EMD:-

- 2.1 The tender offer must be accompanied with the EMD of Rs 25000(Twenty Five Thousand) in shape of Bank Draft/Bankers Cheque in favour of CMDC Ltd. payable at any Nationalized/ Scheduled Bank at Raipur. No interest will be paid on the EMD so deposited. EMD shall be refunded to the unsuccessful bidders after finalization of the tender.
- 2.2 Bids of such bidders who don't pay the cost of EMD will not be considered.
- 2.3 No interest will be paid on the EMD so deposited.
- 2.4 EMD shall be refunded to the unsuccessful bidders after finalization of the Bid or after expiry of the validity period.
- 2.5 The EMD of all Bidder shall be refunded in case the Bid process is cancelled by CMDC.



2.6 EMD of the successful bidder will be returned back to the bidder after submission of security deposit.

3.1 PAGES TO BE INITIALED:-

All the pages of all sections of tender document shall be signed/initialed with date by the tenderer at the lower left hand corner. All other documents required to submit along with tender form should also be paged serially.

Tender documents purchased by one is not transferable to another. In the event of any such above act, the offer will be liable for rejection.

3.2 NOTICE AND COMMUNICATION:-

(i) Tenderer is required to state his/her/their correct full postal address and E-mail address in the tender document. All notices, communications to any tenderer by the CMDC Ltd., shall be deemed to have been performed if delivered or left at or posted to the tenderer and shall be deemed to have been so performed in case of posting on the day on which they would have reached such address in the ordinary course of post and in other cases, on the day on which they were so delivered or left.

(ii) All notice and communications addressed by the CMDC Ltd. to the tenderer or by the tenderer to the CMDC Ltd., concerning the work to be executed under the contract shall be in writing.

(iii) Changes in the name and address of Management/authorized representative/constitution/postal address etc. The tenderer shall inform the CMDC forthwith any changes in the name and address of Management/authorized representative/constitution/postal address etc. in time.

3.3 CMDC Ltd. shall not be liable for any delay in receipt of the tender document by the tenderers due to postal delay and no extension of time to the date of tender opening shall be given for this reason.

3.4 The Techno-Commercial Bid shall be opened by Tender Committee at Sonakhan Bhawan, Ring Road No-1, Raipur (C.G.). The tenderer or their authorized representatives may be present at the time of tender opening. The date of opening of Part-II (Price Bid) shall be intimated to those tenderers whose Techno-Commercial Bid is accepted by CMDC.

4. ELIGIBILITY CRITERIA AND DOCUMENTS TO BE PRODUCED IN SUPPORT OF THE ELIGIBILITY CRITERIA:

4.1 ELIGIBILITY CRITERIA:- The Tenderer should fulfill the following eligibility criteria by its own:-

(A) TECHNICAL:-

(i) The Bidder must have at least 05 (five) years experience in manufacturing and installation of pit less lorry weighbridges having similar technical features as given in the scope of work.

(ii) The bidder should have valid license for manufacturing of electronic lorry Weigh Bridge issued by the competent authority, model approval certificate from director of metrology, Govt. of India.



(iii) The bidder should have executed at least five such projects on turn-key basis in government/public sector undertakings (Central or State)/Private Sectors.

(B) FINANCIAL:-

The average annual turnover of the tenderer should not be less than Rs 1.00 crore in the last three financial years (i.e. 2014-15, 2015-16 & 2016-17) and should not be less than 50 Lacs in each years.

4.2 The tenderer should submit all the documents in a manner mentioned here in and in credential form mentioned at **Annexure-C**.

5. EVALUATION OF THE BID:-

The bids/tenders submitted by the bidder will be evaluated on the basis of the documents submitted by the bidder based on above mentioned technical and financial criteria.

6. ELIGIBLE BIDDERS:-

Those bidders will be called as a eligible bidder who fulfils the above technical and financial criteria. The Part-II (Price Bid) of only eligible bidders will be opened.

7. SUCCESSFUL BIDDER:-

The bidder who will quote the minimum rate and which has been accepted by the CMDC will be called as a successful bidder.

8. CMDC LTD'S RIGHT TO REJECT TENDER:-

8.1 The tenderer shall quote rate in figures & words after careful analysis of the cost involved for the execution of the work and conditions of the tender. In case it is noticed that the rate quoted by the tenderer is unusually high or unusually low, it will be sufficient cause for the rejection of the tender unless CMDC is convinced about the reasonableness of the rate on analysis of such rate.

8.2 CMDC reserves the right to reject any or all the tenders received without assigning any reason thereof and the tenderer shall not be entitled to any costs, charges or expenses incidental to or connected with preparation and submission of his tender.

8.3 Tender submitted other than in the prescribed lines, form and pattern described herein are liable to be rejected.

8.4 Canvassing in connection with tenders and/or tenders containing uncalled for remarks are liable to be rejected.

8.5 Offer with any modification(s) and/or special condition(s) of the tenderer is liable for rejection.

8.6 Corrections and/or alterations in the tender document are liable to be rejected. Tender documents filled and submitted by the tenderer should be clear for reading any eraser and/or over-writing on filling tender form are permissible only on attestation by tenderer with their seal.



8.7 If the tenderer deliberately gives wrong information or suppresses any information which shall be favourable for acceptance of his tender. CMDC Ltd., reserves the right to reject such tenders at any stage of execution without any financial liability.

8.8 If it is found that CMDC employees or his/her relative(s) is/are partners/directors with the bidding company then it will be sufficient cause for the rejection of the Bid.

9. RATES TO BE IN FIGURES & WORDS:-

The tenderer should quote the rates in Rupees (Rs) both in figures and words. The tendered amount for the work shall be entered in the tender duly signed by the tenderer. In case of controversy, the rates will prevail over the amount and words over the figures.

10. WITHDRAWAL OR MODIFICATION OF TENDERS:-

Tenders may be withdrawn or modified only by a written request to Managing Director, CMDC and permission accorded thereof before the last date of submission of the tender in case a tender is submitted before date.

11. VALIDITY PERIOD: -

The tender will be open for acceptance by the CMDC for a period of 3 (three) months from the date of opening of Part-II (Price Bid).

The successful tenderer is required to execute an agreement with CMDC within 15 days from the issue of Letter of Intent.

12. INSPECTION OF THE WORK SITE AREA:-

The tenderer may visit the proposed work site area to his full satisfaction for the work as mentioned at "Scope of work".

13. DECLARATION BY THE TENDERER:-

I/We hereby declare that I/We have visited the work site area in this tender and understood all the instructions of the tender and I/We have submitted all requisite documents along with Part-I of the tender after fully satisfaction and understanding of the area for which this tender is being submitted.

Date:

Signature of Tenderer

Place:

Name-

Designation-

Seal



“ANNEXURE-B”

SPECIAL TERMS AND CONDITIONS FOR SUPPLYING, ERECTION, COMMISSIONING & MAINTENANCE OF 60 M.T. ELECTRONICALLY CONTROLLED PIT LESS LORRY WEIGH BRIDGES AT SPECIFIED PLACES IN THE STATE OF CHHATTISGARH

1. GENERAL

The project envisages turnkey project for supplying and installation of electronically controlled pit less lorry weigh bridges and construction of necessary infrastructure at selected places in the state of Chhattisgarh. The equipment specified will be used for weighing of mineral at the mines of CMDC. The equipment should be compatible with the computer network and its database to be adopted by CMDC.

All equipments to be supplied under the project shall be under comprehensive warranty towards replacement and maintenance including labour, supply of parts and normal wear and tear for all items. The period of this warranty and maintenance shall be 05 (five) years from the date of successful installation of all items of the project.

2. SCOPE OF WORK:

- It is proposed to install Fully Electronic Load Cell & pitless type Lorry Weigh Bridge of 60MT capacity.
- The platform size shall be of 16Mx3M.
- The weighbridges will be supplied with all necessary accessories and spares at designated place in the State of Chhattisgarh.
- The scope of works covers Design, manufacturing, supply, erection, Maintenance of Lorry Weigh Bridges and approach RCC ramp of 7 meters on both side (with readymade weigh cabin from ISO Certified companies).
- Along with installation of Weigh Bridges a Weigh Bridge Office Cabin size approximately 3.35m x 3.65m shall be constructed/or supplied with 25 mm insulations sheets for maintaining temperature for working operator.
- Weigh Bridges platform should consist of Main girder of 500 mm with side girders of 300 mm and support girders of 200 mm top plate 10mm. The approx. weight of the structure should be more than 12.5 ton.
- Load Cells 6 Nos, of 30MT or more capacity (each cell) Double ended shear beam or compression type based on strain gape principle with 4 core inter connecting cable & mounting for Load Cell Thermetically sealed IP69.
- All equipments should be suitable for operation on normal voltage of 230 Volts single-phase 50 cycle AC supply along with the provision of $\pm 15\%$ voltage fluctuation.
- All equipments shall be suitable for successful operation under different climatic conditions, such as temperature ranging from -5°C to 50°C and humidity up to 95%.
- Digital Weigh Indicator should be High performance microprocessor based system having high internal resolutions, clear & bright seven digit LED display



& fine auto zero tracking. Tare/Gross/Net weight indications, auto calibration facilities etc.

- It should be capable of interfacing with the computer for further processing of data as per requirement. Operating temperature is to be -5°C to 50°C .
- Desktop computer with Intel i5 processor configuration as detailed in specification, HP make with Microsoft Windows 7 operating system.
- Laser printers HP Laserjet 1020 plus make as detailed in specification.
- Solar system UPS capacity 1 KVA with 6 hours backup. For running of additional two fans and two tube lights along with the weighing system and computer is required.
- All above specified work are for supply, installation and maintenance of pitless type Weight Bridges including material, labour & services required on turnkey basis.
- Foundation work of lorry weighbridge if required has to be done in accordance with the soil condition.
- **✓ Right to increase or Decrease work:** Initially this tender is being called for purchasing of only one weighbridge which is to be installed at village Narmadapur (Mainpat), Distt. Surguja, Chhattisgarh. However, the Managing Director, CMDC reserves the right to increase the number of weighbridges as per the requirement of CMDC and the successful tenderer will be bound to supply such additional weighbridges (on turn-key basis) at the rate quoted by the bidder and accepted by CMDC in this tender for at least next 01 (one) years any where within the state of Chhattisgarh.

3. WORK INCLUDED: The work shall be included but not be limited to the following.

- 3.1 Fully electronically controlled Lorry Weigh Bridge 60MT capacity (Pitless type) complete with 16m x 3m platform of 12.5 ton steel, 6 no's Double ended shear beam/compression type IP 69 Load Cells, digital indicator, P.C. recording and printing unit, solar system, readymade room, remote display, construction of concrete road/ramp for weighbridge etc.
- 3.2 Installation, commissioning and testing of equipment and all Civil Works Should be certified by NIT or any other government authority. The electrification and stamping work to be verified from concerned state authorities at the cost of tenderer.
- 3.3 The Equipment shall be suitable for operation on 230 volts single phase 50 cycles A.C. supply along with the provision of $\pm 15\%$ voltage fluctuation, auxiliary sources of solar power in the form of 1000 VA-UPS "ON LINE"
- 3.4 The equipment shall be suitable for successful operation and shall be suitably compensated for operation under different climate condition temperature ranging from -5°C to 50°C on well as humidity up to 95%.

4. INSTALLATION

4.1 FITTING OF MACHINERY

- 4.1.1 Skilled and experienced Machinery fitters shall only carry out alignment and adjustment of Machinery.



4.1.2 All Machinery shall be assembled, fitted & mounted in such a manner that all necessary clearances shall be retained.

4.2 IMPROPER FITS AND ADJUSTMENT.

4.2.1 The successful Bidder shall be responsible for all necessary alignment and adjustment of structure, machinery and equipment to obtain desired efficient operation of the equipment.

4.3 WORK MAN SHIP: All components of Weigh Bridges shall be manufactured with materials of approved quality; all electronic equipments to be supplied under the Project shall also be approved quality of DGS&D. The entire project is to be completed with best workman ship. The specification of material quality is required to be quoted in the offer.

4.3.1 Damage to work

The work shall be under the Contractor's charge from the commencement to the complication of the same. The contractor shall be responsible for and to make good all damage and repairs to works occasioned by fire or other causes and shall indemnify the CMDC from any claim for injuries to persons or from structural damage to property, happening from any neglect, default, want to proper care or misconduct on the part of the contractor or of anyone in his employment during the execution of the work. He shall further take precautions to ensure that no damages occur to adjacent property or structures due to earth work or pilling work. If the contractor or his workers or servants shall break, deface, injure or destroy any property or installation, the contractor shall make good the same at his own expense, failing which the CMDC may cause the same to be made good by some other agency and deduct the expense (of which the certificate of the CMDC shall be final) from any sums that may be due to the contractor by the CMDC. The contractor shall further ensure that the plant and machinery supplied against this contract and all other works are insured at his own expense all contingencies of fire, labour trouble, storm, lightning, flood, earth quake, riots and natural calamities for full value thereof till the date of issue of taking over certificate and the contractor shall deposit with the CMDC the policy or policies and the receipt in respect of premium paid. And continuing insure an aforesaid The CMDC will not in any way be held responsible for damage or loss on any such account.

5. PAINTING

Structural steel components need to be protected permanently and effectively against any formation of rust thus avoiding weakening of the cross section, protection against corrosion shall be achieved by cleaning, painting. The painting coating is only able to be effective if it adheres completely and permanently to the steel surfaces and if the paint resists to quick wear.



6. DRAWING AND DATA TO BE SUBMITTED BY BIDDER

- 6.1 (i) The bidder shall follow the data given in the tender document and submit his own drawing, design and estimate for civil, mechanical and electrical work duly approved by National Institute of Technology, Raipur
- (ii) To construct ramp, maximum gradient 1:10 showing complete cross section details, guide blocks\Including expansion joint, construction joint detail.
- (iii) To construct or to supply readymade LWB cabin for smooth operation of weigh bridge of suitable size minimum of (3.35m X 3.65m) and to equip with all electrical fittings will design and drawing to the submitted.
- (iv) Drawing for the LWB foundation as per soil strata separately, showing complete Rcc details should be submitted alongwith the offer.

6.2 On completion of the work and before the tests are carried out the successful bidder shall at his own expense prepare & supply to the CMDC , 4 certified copies of the following:-

- (a) Installation Manual and drawings.
- (b) Inspection and Maintenance Manuals.
- (c) Operation Manuals.
- (d) Manufacturers test certificates

6.3 The Test Certificate for Load Cell of Weigh Bridge shall be submitted by successful bidder. The successful bidder shall obtain periodical certification from the Department of weights & measurement of Chhattisgarh Govt. as may be necessary under applicable Laws. All costs associated with obtaining periodical certification shall be borne by the successful bidder.

6.4 Test report of construction materials as desired by the CMDC and, electronic equipments should be submitted by the successful bidder on his own cost.

7.0 SPECIFICATION FOR LORRY WEIGH BRIDGE, ALLIED MATERIAL AND CIVIL CONSTRUCTION WORK

7.1 SPECIFICATION FOR LORRY WEIGH BRIDGE, ALLIED MATERIAL:

| S.No. | PARTICULARS | DESCRIPTION |
|-------|---|---|
| 1.1 | WEIGHING PLAT FORM | |
| | (a) Type | Fully Electronic pit less type Lorry Weigh Bridges |
| | (b) Capacity | 60 Metric Tons (MT) |
| | (c) Rate Load | 80 Metric Tons (MT) |
| | (d) Plat form size | 16.00 xmx3.00m |
| | (e) Deck plate | 10mm thick (weight 78.50 kg/m ²) mild steel plates |
| | (f) Antiskid bars | 18x5mm Flat iron (2x61 Nos.) length equals to 1.00m placed at a distance of <u>150mm c/c</u> |
| | (g) Main Girder, Cross Girders & transverse beams | The main girder/beams & cross beams must be in single piece without any welded/joint section of mild steel [ISMB 500mm x 180mm, 4Nos, I-section (weight 86.90kg/m) length equals to 8.00m] Cross Girder [ISMB 300mmx140 mm, I - section (wt 46.10 |



| | | |
|-----|--|---|
| | | kg/m) length equals to inner distance between main girder] transverse beams ISMB 200mmx100mm I-Section (wt. 25.40 kg/m) length equals to inner distance between cross girder. (welded joints) The structure will be two piece welded structure. |
| | (h) Total wt. of plat form | Approximate weight 12.5 Tons. The tenderer will indicate the approximate weight of steel structure with detailed calculation & indication details calculation sizes of structure to be used for 80 MT weight bridge. |
| 1.2 | LOAD CELL | |
| | (a) Make | IP 68 Double ended shear beam/compression type IP 69 with lightening protection. OIML specified. |
| | (b) Load cell capacity | 30T or More |
| | (c) No. of load cell | 6 Nos. |
| | (e) safe over load | 150% |
| | (f) Ultimate over load | 300% |
| | (g) Inter connecting cable | 4 core shielded type of suitable length. |
| | (g) sensitivity | 1.75 to 3 MV/V \pm 0.1% |
| | (h) Load cell mounting | No cuttings in main beam for load cell fitting. 250 mm Gap should be mentioned between foundation plate and weigh bridge structure for cleaning of mud/dust. |
| | (i) Load cell operating temperature | -5°C to 50°C |
| | (j) Protection of load cells | Thermetically sealed |
| | (k) Least count of display | \pm 10 kg |
| | (l) Earthling | Protect load cell as required. |
| 1.3 | WEIGHING ELECTRONIC | |
| | (a) Location | Table top (Weigh Bridge office) |
| | (b) Power supply | 230 Volts AC. |
| | (c) Weighing range | 0 to 60 MT. |
| 1.4 | PERSONAL COMPUTER | |
| | (a) configuration | HP Desktop Intel core i5-2100, 2 GHz 800 DDR. RAM, 320 GB 7200 rpm Serial ATA HDD or higher, 47 cm (18.5 inch) of larger TFT/LED Digital Colour Monitor, 6 USB Ports (with at least 2 in front) , 1 Serial audio ports for microphone and headphone in front. 8X or better DVD ROM Drive, 10/100/1000 on board integrated Network Port, Graphic Accelerator Card PCI Express 512 MB Direct X-10 compatible, Windows 7 preloaded with Media and Documentation and Certificate of Authenticity Quick Heal 2013 (Latest Version) with one year License and other essential required appliances |
| | (b) designed to provide printed records of | Serial no., date, gross weight, tare weight, net weight, commodity, supplier destination and saving of truck number plate picture. |
| | (c) Others condition | Automatic computer Net connectivity for antivirus update.Facility of SMS in Software be provided. |



| | | |
|-----|---|---|
| | | Facility to save the photo of Vehicle no. plate through camera in software must be provided. |
| 1.5 | LASER JET PRINTERS | |
| | (a) Type | HP LaserJet 1020 Plus |
| | (b) No. of Pins | - |
| | (c) Columns | - |
| | (d) CPS at 10 cpi | - |
| | (e) Port | One USB |
| 1.6 | SOLAR UPS | |
| | (a) Type | ON LINE 1 KVA, 6 hours backup SOLAR UPS with CURRENT Technology suitable for SOLAR/ single phase AC input voltage 160V to 260V, 50Hz \pm 3% and single phase AC output voltage 230 \pm 1% V 50 \pm 0.5Hz. |
| | (b) Solar Panel | Supply, erection, commissioning and operation of suitable solar panel unit for online 1 KVA 6 hours backup solar UPS for smooth operation. |
| | (c) Enclosure | Housed in rugged enclosure made of M.S. Sheet 1.2mm (minimum) thick aesthetically finished, duly pre-treated and powder coated. |
| | (d) Rating | 1 KVA |
| | (e) Back up time | 360 minutes 6 HRS |
| 1.7 | DIGITAL WEIGH INDICATOR | |
| | (a) System | High Performance microprocessor based system. |
| | (b) Display | Internal resolution clear & bright seven digit LED display and fine auto zero tracking, response time less than 0.5 seconds capable of interfacing with the computer. |
| | (c) Operating temperature | -5°C to 50°C |
| | (d) Weight | Tare/Gross/Net weight indication auto calibration facilities. |
| 1.8 | CIVIL WORK | |
| | Weight Bridge foundation and ramp and readymade room as specified with electrical fitting | Minimum as per detailed specification given in bid document. |
| 1.9 | Other | As the bidder think suitable for smooth operation of work |

7.2 DETAILED SPECIFICATIONS FOR CIVIL WORK:

7.2.1 MASONRY FOUNDATION:

The foundation shall be of Reinforced Cement concrete and should be designed by the successful Bidder as per their designs keeping in view the soil condition and as per IS Code to withstand the dynamic and impact load resulting from vehicles. If the Contractor feels that the drawing attached with tender is insufficient to carry to safe load than he shall submit the foundation drawing along with the design calculation indicating relevant details of reinforcement etc. The successful bidder shall be solely responsible for the structural safety of the complete structure.



7.2.2 CIVIL WORK:

- (i) All the Civil Work such as construction of Office, foundation column for pit less Weigh Bridge & ramp (concrete road) shall be carried out by the successful bidder from its own resources but the successful bidder shall keep the CMDC fully informed about the progress of the project. The CMDC shall designate engineer for carrying out physical supervision of the project. The bidder will also intimate details of his site in charge person and progress of the work weekly to the CMDC.
- (ii) Any other civil work which may be required by the CMDC or any work allowed by the CMDC (in Lieu of tendered work) valuation will be done according to prevailing CGPWD SOR building or road whichever is applicable. And the difference amount will be paid to the contractor or deducted from the bill of the contractor.

7.2.3 ELECTRICAL WORK : In the LWB cabin supply of:-

- (a) 1 No. Exhaust Fan 355 mm 230 volts single phase along with switches of GEC, Bajaj, Crompton company's make heavy duty.
- (b) One 16 ampere 5 pin plug with switch
- (c) One 05 ampere 3 pin plug with switch
- (d) One tube light set complete with switch
- (e) One angle holder with switch
- (f) One water – proof light with switch
- (g) Two nos 100 watt energy saver Lights with outdoor fitting and suitable switches
- (h) One 48” fan with switch and regulator of GEC, Havels, Bajaj, Crompton etc. company's make.
 - (i) Earthing with Copper earth plate 600 x 600 x 6 mm thick masonry enclosure on the top including Charcoal, Coke and salt as required. Earth connection from earth electrode shall be done with 4.06 mm (8 SWG) dia copper wire in 15 mm dia
 - (ii) G.I. Pipe loop earthing shall also be done with 4.06 mm (8 SWG) Copper wire in recess.
 - (iii) Power connection up to weight man’s cabin shall be provided by the CMDC.
 - (iv) Lightning arrestor of required capacity with the provisions to ground with earth pin.

7.2.4 Cement & Steel

- The required quantity of cement and steel shall be arranged by the successful bidder from open market at its own cost.



- The successful bidder shall consume cement & steel in various items of work as per the theoretical requirement of consumption given for these items as per CPWD specification applicable as on date with permissible variation (Plus & Minus) on either side.
- In case the permissible variation exceeds on minus side the structure such as office with foundation column for pit less LWB will not be accepted.

7.2.5 General Specifications Of Civil & Electrical Work

- (i) All Civil works shall conform to CPWD specifications of works applicable as on date and relevant ISI Code, with up to date amendments up to the date of N.I.T.
- (ii) All the electrical work shall conform to CPWD General Specifications for electrical works applicable as on date and relevant ISI codes, with up to date amendments up to the date of N.I.T.

7.2.6 Labour

The successful bidder or contractor appointed by it should get himself registered under- Contract labour (regulation and abolition) Act 1970, The Provident Fund Act and with other applicable Labour Laws. It shall be necessary to furnish the certificate of registration from the labour department, from Commissioner of the Provident Fund and other competent authorities before start of the work. All liabilities connected with labour shall be of the successful bidder. In case CMDC is required to pay any amount towards any such statutory liability of the successful bidder, the CMDC shall be authorised to deduct the same from the amount payable to the successful bidder towards this project or can recover from the security deposit of the successful bidder.

7.2.7 The successful bidder must obtain stamping of the Lorry Weigh Bridge from the competent authority before handing over.

7.2.8 All material to be used for Weigh Bridges, electrical should be as per IS code as stipulated by the Bureau of Indian standards.

8. MAINTENANCE OF WEIGH BRIDGES:

8.1 It will be responsibility of the successful bidder to maintain the weighbridges installed for a period of 05 (Five) years from the date of handing over the weighbridge.

8.2 THE WEIGHBRIDGE HAS TO BE TESTED WITH MIN 5 TON TEST WEIGHT AND 5 TON DEAD LOAD AT TIME OF HANDLING OVER AND EVERY YEAR AT BIDDER'S COST.

8.3 The successful bidder (vendor) shall provide service for continuous operation of weighbridges. To ensure this monthly visit in the first week of the month to each location of weighbridges installation is a must in first year from second year the visit will be quarterly. In this visit the vendor shall conduct complete inspection of Weigh Bridge, hardware and soft ware and all other equipments. The vendor shall obtain a certificate of satisfactory performance from concerned Branch Manager of the CMDC and shall submit a copy of the same to the head office. The vendor shall also certify that all equipments and Weigh Bridge are in working condition as per norms.



- 8.4 Defect Liability Period (05 Years) : The vendor shall give a comprehensive guarantee/warranty of equipments used in weigh bridges installation for a period of 05 (Five) years from the date of handing over of weigh bridge. In this period if any damage occurs in equipments the vendor shall replace the load cell, or repair other portion within forty eight hours of intimation By CMDC [post /Fax] at his own cost.
- 8.5 Apart from monthly mandatory visits the successful bidder, shall ensure that each and every breakdown/operational bottle neck is attended and solved to the satisfaction of the CMDC within 48 Hours of such information.
- 8.6 In case the successful bidder fails to do so, the CMDC shall be at liberty to get the weigh bridges or any of the equipment repaired from some other agency. All costs for such repair/maintenance and loss of revenue to the CMDC for the default of the vendor shall be recoverable from the security deposit or performance Guarantee, of the vendor (successful bidder).

9.0 SECURITY DEPOSIT OR CONTRACT PERFORMANCE GUARANTEE:

- (i) The successful bidder is required to submit Demand Draft(DD) of 10% of the contract value on or before the time of execution of agreement.
- (ii) Failure of the successful Bidder to comply with the above requirements of submission of DD shall constitute sufficient grounds for cancellation of the award of work and forfeiture of the EMD.
- (iii) No interest shall be payable by the CMDC.
- (iv) The Security Deposit shall be returned back to the Successful bidder on demand, after the expiry of the defects liability period. or on payment of the amount of the final bill payable in accordance with relevant clause of these conditions, whichever is later, provided CMDC is satisfied that there is no demand outstanding against the successful bidder .

10. PAYMENT

The project is to be completed within the given time frame as per prescribed technical parameters. The schedule for the payment shall be as under:-

- 10.1 20% of contract value - on completion of weigh bridge foundation work and supply of platform structure at site.
- 10.2 70% of the contract value - after completion of all activities of the project and hand over of weigh bridge after stamping/commissioning to the CMDC official along with all test certificate of load cell, civil work, guarantee card of computer, printer, online UPS.
- 10.3 5% of the contract value - after completion of 6 months .
- 10.4 5% of the contract value - after completion of one Year.
- 10.5 Contractor shall be responsible for the payment of all applicable taxes duties levies etc. such as Custom duty, excise duty any other taxes, fright, insurance



etc. However VAT/GST shall be paid by. CMDC will not issue form "C" for getting concessional rate of sale tax/vat or any other tax.

10.6 TDS shall be deducted by CMDC at the applicable rate.

11. No claim or compensation for alteration in or restriction of work

If at any time after execution of the contract, the managing director shall for any reason whatsoever, requires, the whole or any part of the work to be stopped or shall not require the whole or any part of the work to be carried out at all in such cases, the bidder shall have no claim or compensation whatsoever on this ground.

12. TIME SCHEDULE FOR COMPLETION OF THE JOB

Successful bidder/contractor shall be bound to complete all the works as stated at Scope of Work within a period of 60 (Sixty) days from the date of signing of agreement.

13. DELAY IN PERFORMANCE/EXTENSIONS OF TIME

13.1 Performance of the Contract shall be made by the successful Bidder in accordance with the time schedule provided by CMDC.

13.2 Delay by the successful Bidder in the performance of its contractual obligations shall render it liable to any or all of the following sanctions:-

- (a) Termination of the Contract for default and Forfeiture of security deposit and/or
- (b) Imposition of Liquidated Damages; and/or

13.4 If at any time during performance of the contract, the successful Bidder should encounter impeding timely completion of the services under the contract and performance of service, the successful Bidder shall promptly notify the CMDC in writing of the fact of the delay, its likely duration and its causes. As soon as practicable, after receipt of the notice, the CMDC shall evaluate the situation and may at its discretion extend time for performance in which case the extension shall be ratified by the parties by amendment of the Contract.

14. LIQUIDATED DAMAGES/PENALTIES : In the event of failure of the successful Bidder of his obligations under the contract, the CMDC reserves the right to recover from the successful Bidder liquidated damages/penalties, for the period of delay a sum equivalent to Rs 5000/- (Rupees Five thousand only) per day for each contract on the failure of the bidder. This would be without prejudice to other remedies available to the CMDC including levy of other penalties under the contract, as detailed in the agreement to be executed.

15. TERMINATION OF THE CONTRACT

15.1 CMDC will have right to cancel the contract (fully or partly) if the Bidder causes Breach of any or all conditions of the Contract. Breach of the Contract include, but are not limited to the following:



- (a) It is found that the, schedule of implementation is not being adhered to,
- (b) The successful Bidder stops work & such stoppage has not been authorised by CMDC.
- (c) The successful Bidder becomes bankrupt or goes into liquidation.
- (d) CMDC gives notice to correct a particular defect/irregularity and the successful Bidder fails to correct such defects/irregularity within the 72 hours or within reasonable period if no time has been specified by CMDC.
- (e) In case, it is found that the successful Bidder has failed to make the supplies as per the requirement of CMDC and as per the approved format.
- (f) In case the work is not performed as per the time schedule given in the Bid document or as extended by CMDC.

15.2 In case of breach of contract by the successful Bidder for any of the above reasons, CMDC shall have the right to terminate the contract and forfeit the security deposit etc. and shall have the right to supersede and take over the entire infrastructure and operation on “as is where is basis” without paying any payment/and compensation for the same.

16.1 CESSATION OF SERVICE

Upon termination of the contract, the successful Bidder shall immediately upon dispatch or receipt of such notice, take all necessary steps to bring the services/project to a close in a prompt and orderly manner.

16.2 INDEMNITY CLAUSE

The successful Bidder will be responsible and actionable for the project and If any legal, financial or other liability arises due to negligence of the successful bidder CMDC shall not be responsible.

16.3 ARBITRATION

16.3.1 CMDC and the successful Bidder shall make every effort to resolve amicably by direct informal negotiations, any disagreement of disputes, arising between them in connection with the contract.

16.3.2 If any dispute arises against the contract than successful contractor should file his written claim before the Managing Director, CMDC within thirty (30) days from the date of dispute and the Managing Director should decide the claim within 60 days from the date of receipt of claim.

16.3.3 If the aforesaid officials fail to produce a solution within thirty (60) days of reference to them, matter shall be referred to the arbitration for settlement under Arbitration and Conciliation Act, 1966. Arbitrator shall be nominated by the Managing Director of the Chhattisgarh Mineral Development Corporation whose decision shall be final and binding on both the parties. Venue of arbitrator will be at Raipur. The cost of arbitration shall be shared by both the parties equally.



16.3.4 Continuation of Arbitration Proceedings shall not affect adversely CMDC's rights for termination of contract and/or appointment of any other agency, taking any other suitable action etc.

16.3.5 During the pendency of arbitration no party shall go to court.

16.3.6 The jurisdiction of court shall be at Raipur for any legal matters.

16.3.7 An agreement will be signed between CMDC and contractor stating all terms and conditions given in this tender form and others as CMDC may think suitable in the interest of completion of the work.

Name:

Designation:

Signature of the Tenderer in token of acceptance



CHHATTISGARH MINERAL DEVELOPMENT CORPORATION LIMITED
(A Government of Chhattisgarh Undertaking)

Phone : 0771-4283557
Fax : 0771-4001074
E-Mail : cmdcraipur_ho@rediff.com

Sonakhan Bhawan
Ring Road No.1
Purena,
Raipur (C.G.)

ANNEXURE-“C”

CREDENTIAL FORM

This Forms Part-I Techno commercial bid of the Tender

The tenderer should submit the documents for evidence in the manner specified in Column-4 and should give the same code as specified along with flag. Lapse of documents from its place or placed in other place may recall for non consideration of such documents during scrutiny and will be the responsibility of the tenderer.

| Sr. No. | ITEMS | DETAILS (To be filled by the bidder) | DOCUMENTARY EVIDENCE IN THE FORM OF ANNEXURES |
|---------|---|--|---|
| 1 | 2 | 3 | 4 |
| 1. | Name of the Bidder (a) Legal Name (b) Nature of Business (c) Year of incorporation (d) Status of bidder (ownership/partnership (including LLP)/ private or public Ltd company etc.) (e) Address of the Registered office & Branch office Phone no. Fax no. etc (f) Name and address of all directors. | | D1 includes copies of partnership deed/ duly notarized incorporation certificate of company etc. |
| 2. | Power of Attorney duly notarized (a) Name of Authorized Representative (b) Designation (c) Address | | D2 includes power of attorney issued by competent authority duly notarized |
| 3. | EMD:- Rs 25,000/- a. Draft /Banker Cheque No b. Drawn from c. Date. d. Amount e. Payable to f. Payable at | | D3 includes the draft issued from nationalized/ scheduled bank |
| 4. | Organizational Structure Total Strength indicating different categories of employment. | | D4 includes list of employee along with their details |
| 5. | Information's related to the experience of work, supported by documentary evidence for execution of at least five such projects on turn-key basis in | | D5 includes work orders and completion certificate from |



I/We also authorize the CMDC to forfeit my earnest money and security deposit in case I fail to execute the job on acceptance of my offer.

I/We also authorize the CMDC to forfeit my earnest money in case any false information is submitted by me in my offer.

**SIGNATURE OF THE TENDERER
WITH SEAL**



CHHATTISGARH MINERAL DEVELOPMENT CORPORATION LIMITED
(A Government of Chhattisgarh Undertaking)

Phone : 0771-4283557
Fax : 0771-4001074
E-Mail : cmdcraipur_ho@rediff.com

Sonakhan Bhawan
Ring Road No.1
Purena,
Raipur (C.G.)

Part-II of the Tender

Part II (Price Bid)
(FORMAT FOR QUOTING THE PRICE)

| Work Description | Price (In Rs.) [Inclusive of all taxes like custom duty, excise duty, any other taxes, freight, insurance etc. but excluding VAT/GST whichever is applicable] |
|---|---|
| Supply, erection and maintenance of fully electronically controlled Lorry Weigh Bridge 60MT capacity (Pitless type). Including civil, electrical and other associated work as per the scope of work mentioned in the Tender document. | |

Note: VAT/GST shall be paid by CMDC at the prevailing rate at the time of billing.

Signature of the Bidder
Name & Address of Contractor