

Mishra Dhatu Nigam Limited

A Govt. of India Enterprise

P.O. Kanchanbagh, Hyderabad – 500058 (A.P.), India

Phone: 040-2434001 (10 lines), 24343861, Fax: 040-24340764

Email Id: spralloy.midhani@ap.nic.in Website: www.midhani.com

Tender Notice No: MDN/PUR/ADVT/E&C RING ROLLING/2011

Date: 04.01.2012

Issue of Tender Documents up to: 02.02.2012 @ 17.00 Hrs.

Receipt of tender on or before: 03.02.2012 @ 10:30 Hrs.

Opening of Tender Date: 03.02.2012 @ 10:30 Hrs.

**Tender Documents for Erection and
Commissioning works of Ring Rolling Mill at
Hammer bay of Forge Shop.**

List of Tender documents:-

		Pages
1. Scope of Work	Annexure-I	12
2. General Terms and Conditions	Annexure-II	04
3. Procedure to be followed for submission of tender	Annexure-III	01

SCOPE OF WORK

Erection and Commissioning of Ring Rolling Mill at Forge Shop(Hammer Bay)

1.0 Brief Scope: The scope of work broadly includes the following:

- Unloading of equipment received at specified storage area in Midhani.
- Opening of packages / boxes for inspection of items.
- Shifting of equipment erection site as per requirement of erection schedule.
- Carrying out erection and commissioning under supervision of Midhani and supplier's representative as per details given below:

- 1.1 Installation and commissioning of Ring Rolling Mill is to be carried out at Forge Shop Hammer Bay in MIDHANI. This covers mechanical, hydraulic, lubrication, cooling, electrical, Instrumentation equipments and outer roll heating system required to be installed.
- 1.2 The complete work to be carried out under the supervision of representative of the supplier of the equipment and Midhani Engineers. The contractor is expected to follow the standard procedure and common rules of equipment installation and commissioning and requirements of labour safety and fire safety.
- 1.3 The contractor has to arrange Experienced qualified Engineers (Mechanical, Electrical, and Instrumentation etc), riggers, fitters, electricians, welders, instrument technicians etc., required for effective erection and commissioning of the mill.
- 1.4 The tenderer shall visit the Purchaser's site with prior intimation for details of location, layout of installation and additional detailed drawings for assessing the work to be done, facilities available, lay out of the plant and the requirement of heavy duty mobile cranes, trailers, trucks etc. before submitting his offer.
- 1.5 The scope also involves unloading of material from the transporter's trucks / trailers / containers received from the equipment supplier. The party will be informed one week in advance about exact date arrival of trucks in Midhani. The party has to arrange required material handling facilities for unloading at specified storage area in Midhani. Transportation of material from storage area to erection site whenever required is also in the scope of contractor.
- 1.6 One 10T overhead crane is available in the shop. Forklifts of capacities up to 3T are also available for small material handling which can be utilized as and when available. Operator, tools and tackles to be arranged by contractor. The contractor is required to arrange mobile cranes, trailers etc. required for shifting various subassemblies/units from the storage area to installation area for installing at the location.
- 1.7 The tools and tackles including heavy duty wire ropes, D-shackles etc. along with the leveling tools/instruments like levels, frame levels, feelers, probes, 5 meter measuring reel etc. required for installing and aligning the machine as per the procedure described in the attached document will also have to be arranged by the contractor. Standard working tools like meters, crimping tools, test lamps, spanners, wrenches, screw drivers, Tube benders etc., and other tools for successful commissioning of the equipment also shall be arranged by the contractor.
- 1.8 The General arrangement drawing of ring Rolling mill (2816.28.00GD) is enclosed for brief reference. The following documents (6 drawings and 2 instruction documents) required for understanding the details of the work can be collected during site visit for understanding the total work.

General Arrangement of ring rolling mill - Drg. NO: 2816.28.00 GD (Sheets 1 to 5),
Roll pre- heating system 44.84-TX GD.

Various Electrical Drawings (as mentioned under Electrical Works subsection) (13
Numbers)

Installation Instructions- 2816.00 and 2816.28.00

All these drawings shall be returned to MIDHANI along with quotations.

Additional drawings are also available for reference.

1.9 The main sub-assemblies of the equipment which are to be installed are listed below
classified as mechanical and electrical works.

2.0 Mechanical Works

2.1 For a general understanding of the equipment the tenderer may refer to the above
drawings. The table below shows the details of the heavier individual units (heavier
than 10T) to be installed. The approximate dimensions/sizes of these can be obtained
from the drawings provided.

SL	Item	Weight, Tons
1	Shoes assembly- Right Shoes	12.558
2	Shoes assembly- Left Shoes	12.710
3	Edging Roll Stand	43.743
4	Frame (with drive and motor)	16.130
5	Upper Roll Chock (without upper roll)	19.621
6	Main Drive Gearbox	43.832
7	Frame Assembly	46.771
8	Top Frame	31.607
9	Outer Roll Assembly	17.700
10	Mandrel Roll Carriage	20.626

2.2 The details of other units could be obtained from the Installations Instructions
document. The contractor is required to transfer these units from their storage
locations and install them in the final location. The detailed assembly procedure along
with the leveling accuracies required to be attained during installation are provided in
the Installation Instructions document. The contractor is expected to arrange the men
(qualified riggers, fitters, welders etc.), machine (mobile cranes, trailers etc.) and
other tools and tackles on his own.

2.3 The scope of the contractor also includes fabrication of pipe lines for connecting the
equipment to the main water supply, air, & LPG line. The materials (pipes, flanges,
fittings etc.) will be supplied by MIDHANI. But welding/cutting machines,
welding/cutting consumables, special tool requirements, special handling
requirements etc. will have to be arranged by the contractor.

2.4 Painting of pipe lines – The scope of work also includes the painting of all the
pipelines fabricated by the contractor. This includes red oxide primer and finish
painting (2 coats). Primer and Paint material shall be supplied by the contractor. The
color standards will be specified by Midhani. Only ISI marked paints shall be used. All
pipes and fittings for above shall be supplied by Midhani.

2.5 Hydraulic oil flushing, filling of hydraulic oil, greasing, cleaning, removal of protective
coating etc are in contractor's scope of work. However Midhani will supply Oil,
Lubricants, and greases.

3.0 Electrical and instrumentation Works

This covers electrical and instrumentation works required to be done which are
typically as follows.

Laying of cables in trenches, trays and pipes,
 Termination of cables in the panels and other equipment,
 Fixing, of trays, supports and Clamping of cables
 Providing identification of cables
 Checking for correctness of the cable laid.
 Installation of Panels in Location
 Installation of various Motors in Location and alignment.
 Shifting of Panels, motors, cables etc from storage location to the site.

3.1 Cable Laying and termination from substation to the Electrical panels:

- 3.1.1 The load center substation is at a distance of approximately twenty meters from the electrical rooms housing these panels mentioned below.
- 3.1.2 The cables are of XLPE multi strand, single / multi core, copper types which shall be laid in trays, run through trenches and terminated through suitable glands and lugs in the panels as per the drawing. M06P300-01-01-CO. Suitable trays, pipes, lugs and glands for this purpose shall be supplied by contractor. Cable will be supplied by Midhani.

S NO	PANEL NO	Cable Size No of cores X cross section	Approximate Cable Length / Run (Meters)	No of Runs	Approx. Total Cable Length (Meters)
1	AB01	1X240	30	7	210
2	AB02	1X240	30	7	210
3	AB03	1X240	30	7	210
4	AB04	1X240	30	7	210
5	AB05	1X150	40	8	320
6	AB06	5X16	30	1	30

3.2 Cable laying and termination from the Electrical panels and instrumentation panels to various equipment:

This shall be done as per the following drawings.

S NO	Drawing No
1	4428.16.017-2
2	4428.16.150-2 CL
3	4428.16.151-2 CL
4	4428.16.152-2 CL
5	4428.16.153-2 CL
6	4428.16.154-2 CL
7	4428.16.155-2 CL
8	4428.16.203-2 CL
9	4428.16.204-2 CL
10	4428.16.210-2 CL
11	44.84-ATX35 GD

- 3.2.1 There are around ten trenches of various sizes and as many pipes through which these cables need to be run.
- 3.2.2 Four tiers of cable trays have to be fixed at various levels; in the trenches as per the drawing. Cable trays of standard sizes shall be supplied by contractor, over the length of the trenches. Welding of cable tray supports in regular intervals to be done to ensure proper support for the trays. The lengths indicated are approximate. It may vary depending on site conditions. Fabrication of trays with MS angles etc., including painting where ever necessary shall also be in the scope of the contractors.

- 3.2.3 The cables need to be identified, bunched, laid and clamped. The dimensions of the trenches, trays and the conduits shall be specified in the drawings. Selected tenderer will have to judiciously plan to minimize cable wastage. Required material for identification and, clamping to be supplied by contractor. Before laying all the cables shall be properly identified. At least three types of identification shall be done viz, Punched metal tagging, sticking of printed strips, paint marking etc, for sustained identification in the long run.
- 3.2.4 Cable Laying and termination shall include proper bunching of cables, laying them in trays and pipe conduits (for signal and control cables) in the trenches, along the walls, in the cellar etc. using suitable clamps as per the drawings, which shall also contain details of type of cables, the start and finish destinations, cable length and the route. All cables shall be suitably clamped by means of cable clamps all along their routes on cable racks/trays. The clamps shall be so arranged that the individual cables are fastened in position but the clamping pressure does not damage the cables. The clamps and conduits are to be supplied by the contractor.
- 3.2.5 For all the cable installation work due consideration shall be given to the permissible radius of bends for individual cables. Where cables of different diameters are run in one plane and are bent, the radii of bends shall be so selected that the cables remain parallel to one another all along. The contractor shall be responsible for the testing, and commissioning of cables installed by him against this specification, in compliance with the Indian Electricity Rules.
- 3.2.6 The various types of cables include, Power cable of XLPE, multi strand, multi core, copper cables, shielded cables, cables for VFD application, Control cables, Data cables, Profibus cables for Extended Terminal Module communication, fibre optic cables etc. All the cables will be supplied by MIDHANI.

3.3 Installation of panels

- 3.3.1 The contractor is required to install panels in the electrical rooms in ground floor, first floor and the mill control room as per drawings, wherein the dimensions, weight and the location of the panels is specified. Panels will be supplied by Midhani.
- 3.3.2 These panels house: The 560 KW Variable Frequency Drives (4 nos), other switch gear for control of Motors of the mill. Motor starters for the 200 KW Motors (3 nos) for the hydraulic pump accumulation system, and other motors control for the centralized lubrication and cooling system as well as the roll preheating system. Panels also include PLC, Remote I/Os, operator panels, sever, UPS panels.
- 3.3.3 The work involves unpacking the panels from the boxes, fabrication of a structure for mounting the panels, positioning the panels at required location, fix them to the base structure, connecting the chassis to the protective earthing, termination of cables etc. The following drawings can be provided during site visit.
Drawing nos. : 4428.16.012-2 RS, 4428.16.011-2 RS

3.4 Installation of Electric Motors

Installation, alignment and Terminating electric motors of various capacities at required locations, as per the drawings. The typical capacities of motors shall be:

520 KW, 415 V AC ----- 4 Nos

200 KW, 415 V AC ----- 3 Nos

11 KW, 415 V AC ----- 1 No

A few small motors of 3 KW to 0.75KW etc.

The work involves unpacking the Motors from the boxes, positioning in place, alignment to loads, connecting the power and control cables, connecting the body to the protective earthing etc.

3.5 Fixing and connecting various sensors, switches & actuators

3.5.1 Fixing and laying of cables connecting various sensors, switches & actuators as per the drawing. Required Stainless steel tube along with required fittings for impulse lines of sensors ,transmitters etc., also shall be arranged by the contractor as per site conditions and to be included in the scope of supply.

3.5.2 The various sensors shall comprise of:

Speed Sensors (Pulse encoder)

Position Sensors

Pressure Sensors (Pressure Gauges Etc.)

Temperature Sensors Etc. (Pyrometer, RTDs Etc.)

Pressure and Flow transmitters etc.,

3.5.3 The various switches shall include:

Limit Switches

Level Switches

Temperature Switches

Flow Switches

Pressure Switches Etc.

3.5.4 The Actuators:

Proportional Valves

Solenoid Valves Etc.

3.6 Positioning, fixing, laying and connecting Operator control desk, various work stations and alarm annunciation towers at required locations as per drawing.

3.7 Laying cables, Interconnection of PLCs, With the Work stations, Servers and interconnecting with the automation System.

3.8 Laying cables, Installation of Servers, Printers, Uninterrupted Power Supply as per the automation drawings.

3.9 Installation of a cable carrier system: Fixing and the installation of a cable carrier system which shall be a drag chain mechanism, designed for feeding cables to the moving components of the ring rolling mill. There shall be about four drag chains.

4 Midhani shall provide the following facilities free of cost for erection and commissioning work:

4.1 One 10T EOT crane and 3 T Forklift available in the shop can be utilized based on availability. Operator, tools and tackles etc to be arranged by contractor.

4.2 The foundation bolts, cover plates, Hydraulic pipes, pipe fittings, electrical cables or any other similar items shall be excluded from the scope of supply of contractor and will be provided by MIDHANI as and when required.

4.3 Power, Utilities like compressed air, water available at shop may be utilized by the contractor for erection and commissioning work.

5 General:

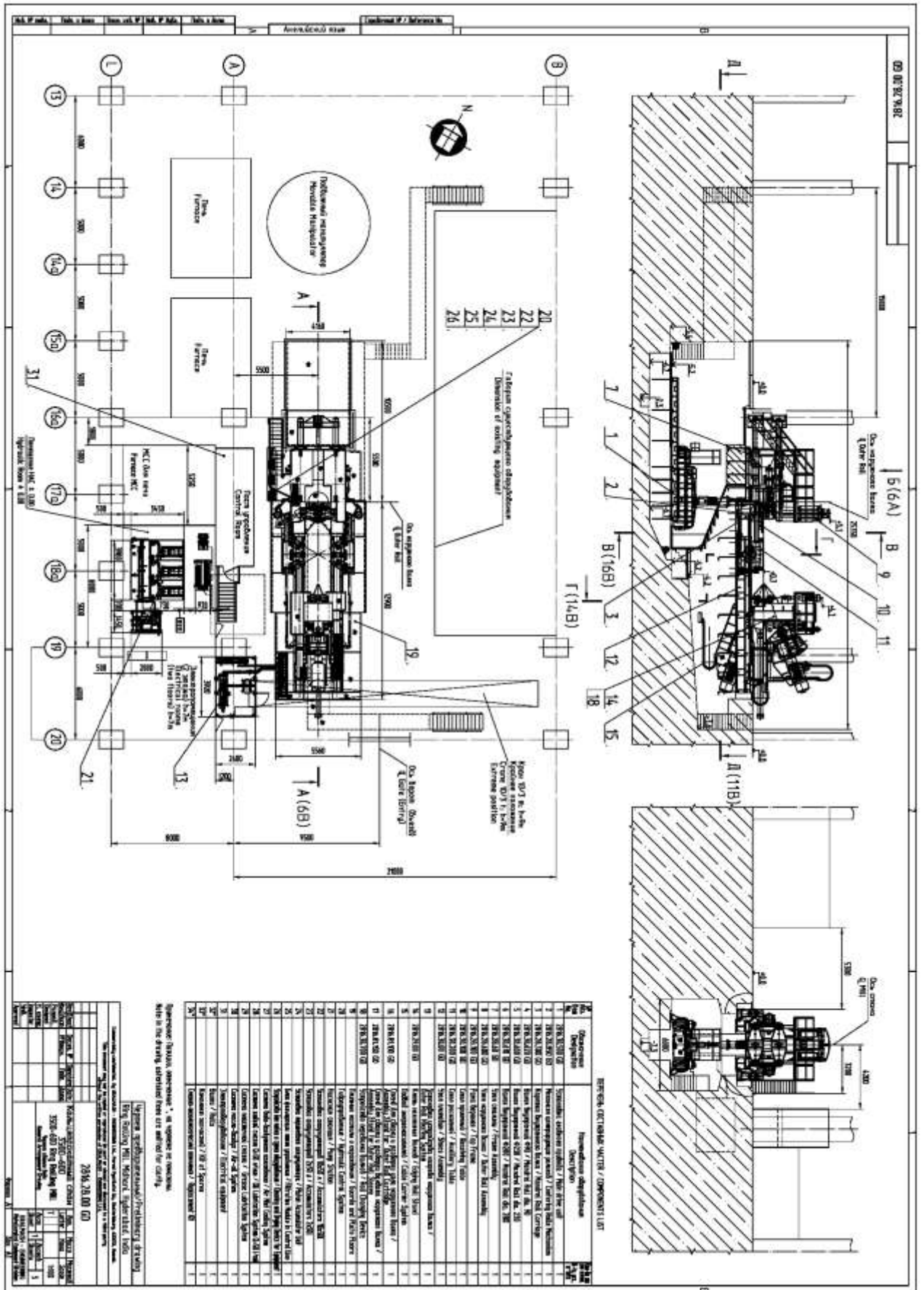
5.1 The tenderer should be licensed contractor and should have executed erection and Commissioning of at least three heavy industrial equipment in the last five years.

- 5.2 Since the scope of work is specified to ultimately bring the equipment to production status, any other miscellaneous works like fabrication of additional flooring, guards and fabricated metals which are necessary and are not mentioned specifically in the above documents will also be considered as part of scope, for successful commissioning of the equipment.
- 5.3 The successful tenderer shall adhere to all safety and security regulations prevailing in MIDHANI at the time of execution of the work. The contractor shall provide all the safety appliances to their employees. The contractor shall follow all safety rules. He should obtain electrical line clear from Engineer-In-Charge before commencement of the works every day. He should take all precautions to avoid accidents. Midhani shall not undertake any responsibility for compensation in case of accidents. The contractor shall obtain safety permit from Midhani safety department.
- 5.4 The contractor shall make payment towards contribution of PF and E.S.I. to the authorities of State Government for workmen employed by him. He should provide proof of such payments and submit to Midhani as and when required .
- 5.5 The rates quoted shall be lump sum for the entire job and shall be firm.
- 5.6 The entire works will be done under the supervision of the representative of supplier of the mill and Midhani officials.
- 5.7 The contractor should obtain gate pass with photo identity cards to all his workmen and staff as per Midhani security rules. The expected duration of erection is about 3½ months and 1½ month thereafter for cold and hot tests and commissioning. The successful tenderer is expected to provide his services throughout this period till the machine is ready for production.
- 5.8 Only experienced, qualified workmen shall be engaged by the contractor at site. Qualified and experienced Engineers (Electrical, Mechanical, Instrumentation etc.,) shall be employed by the contractor who shall carry out the various works through the contractor's workmen as per instructions of the engineer in charge of Midhani. The Engineers shall have previous experience in erection and commissioning of similar projects with latest PLC controls. The erection and commissioning may take about five months. The successful tenderer is expected to provide his service throughout this period and till the machine is ready for production.
- 5.9 In case of temporary suspension of work due to unforeseen reasons the party will be given prior intimation one week before of such stoppage to stop work, similarly one week before resumption of work, the party will be intimated to resume work. No additional payment will be made due to stoppage of work whatever reasons may be.
- 5.10 Works may be carried out generally in A/B/G shifts of Midhani. In case of commissioning/ trails, work will continue in C shift also.
- 5.11 The contractor shall be responsible for safe handling of the equipments during erection and commissioning. If any damage due to negligence of their Engineers or Workmen shall be replaced at his cost for timely commissioning of the project. All the documents, drawings etc., are to be handed over Midhani Engineer in-charge immediately after commissioning job is completed.
- 5.12 The site to be cleared and clearance certificate to be obtained from the Engineer In-charge before final settlement. The scrap, unused parts, spares to be placed as assigned by the Engineer in-charge.

6 Contract Payment Schedule:

The payment schedule agreed upon for this project is as under

Sl.	Description of Task	Payment	Milestone	Approximate duration
1	Completion of unloading, transport to site and installation of Mechanical equipment	35% of Contract price	Upon submission of completion report given by contractor which is certified by Midhani and Supplier's representative	2 months
2	Completion of installation complete hydraulic system.	15% of contract price	Upon submission of completion report given by contractor which is certified by Midhani and Supplier's representative	½ month
3	Completion of Installation of Electrical panels, motors, cables, system.	20% of contract price	Upon submission of completion report given by contractor which is certified by Midhani and Supplier's representative	1 month
4	Completion of commissioning activities connected to cold tests.	20% of contract price	Upon submission of completion report given by contractor which is certified by Midhani and Supplier's representative	1 month
5	Completion of Hot tests, Performance tests	10% of contract price against bank guarantee for one year after completion of performance tests.	Upon submission of completion report given by contractor which is certified by Midhani and Supplier's representative	½ month



SEŘAZENÍ ODTVARDIČOVÉHO ÚSTŘEDÍ / COMPONENT LIST

№	Číslo součásti	Název součásti	Podrobný popis	QTY	REMARKS
1	218.81.01.01	Strojovna	Strojovna s elektrickým vybavením	1	
2	218.81.01.02	Strojovna	Strojovna s elektrickým vybavením	1	
3	218.81.01.03	Strojovna	Strojovna s elektrickým vybavením	1	
4	218.81.01.04	Strojovna	Strojovna s elektrickým vybavením	1	
5	218.81.01.05	Strojovna	Strojovna s elektrickým vybavením	1	
6	218.81.01.06	Strojovna	Strojovna s elektrickým vybavením	1	
7	218.81.01.07	Strojovna	Strojovna s elektrickým vybavením	1	
8	218.81.01.08	Strojovna	Strojovna s elektrickým vybavením	1	
9	218.81.01.09	Strojovna	Strojovna s elektrickým vybavením	1	
10	218.81.01.10	Strojovna	Strojovna s elektrickým vybavením	1	
11	218.81.01.11	Strojovna	Strojovna s elektrickým vybavením	1	
12	218.81.01.12	Strojovna	Strojovna s elektrickým vybavením	1	
13	218.81.01.13	Strojovna	Strojovna s elektrickým vybavením	1	
14	218.81.01.14	Strojovna	Strojovna s elektrickým vybavením	1	
15	218.81.01.15	Strojovna	Strojovna s elektrickým vybavením	1	
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17	218.81.01.17	Strojovna	Strojovna s elektrickým vybavením	1	
18	218.81.01.18	Strojovna	Strojovna s elektrickým vybavením	1	
19	218.81.01.19	Strojovna	Strojovna s elektrickým vybavením	1	
20	218.81.01.20	Strojovna	Strojovna s elektrickým vybavením	1	
21	218.81.01.21	Strojovna	Strojovna s elektrickým vybavením	1	
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24	218.81.01.24	Strojovna	Strojovna s elektrickým vybavením	1	
25	218.81.01.25	Strojovna	Strojovna s elektrickým vybavením	1	
26	218.81.01.26	Strojovna	Strojovna s elektrickým vybavením	1	
27	218.81.01.27	Strojovna	Strojovna s elektrickým vybavením	1	
28	218.81.01.28	Strojovna	Strojovna s elektrickým vybavením	1	
29	218.81.01.29	Strojovna	Strojovna s elektrickým vybavením	1	
30	218.81.01.30	Strojovna	Strojovna s elektrickým vybavením	1	
31	218.81.01.31	Strojovna	Strojovna s elektrickým vybavením	1	

Podpis: [Signature]

Strojovna strojovna / Podzemní strojovna

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GENERAL TERMS AND CONDITIONS

1. Any Order resulting from this invitation to tender shall be governed by our General Terms and Conditions of Contract and the supplier quoting against this enquiry shall be deemed / to have read and understood the same.
2. Where counter terms and conditions have been offered by the Tenderer, the purchaser shall not be governed by these unless specific acceptances have been given in writing in the order by the Purchaser.
3. The offer should be complete in all respects. Full Particulars and descriptive literature if any should be forwarded along with the quotation. Services should be offered strictly conforming to our specifications. The deviations if any should be clearly indicated in the quotation.
4. **TAXES AND DUTIES:**
The Tenderer shall indicate their Central & State Sales Tax Registration Nos. & date in the quotation.
 - i) If Excise duty or any other charges are payable by the Purchaser, the same must be specifically stated in the offer and payment of such Excise Duty and other duties shall be allowed as applicable at sale point on the production of documentary evidence. The Contractor has to furnish transporters copy of Invoice along with supplies for availing Cenvat credit.
 - ii) SALES TAX: Sales Tax will be paid by the Purchaser at the sale point if legally leviable at the rate ruling on the date of supply. The percentage of Sales Tax applicable should be indicated. Central Sales Tax will be payable at concessional rates against "C" form on materials covered under Sales Tax Registration.
5. **DELIVERY:**
As per annexure - I.
6. **TERMS OF PAYMENT:**
As per annexure - I.
7. **TO RECOVER LIQUIDATED DAMAGES:**
In the event of unsatisfactory, delayed services, the supplier shall be liable to pay by way of liquidated damages at the rate of ½% of the total contract prices per week or part thereof subject to a maximum 5% of the contract price without prejudice to the right of the purchaser to take any other action. The amount shall also be recoverable from any other contract on account of the supplier.
8. **RISK PURCHASE:**
The supply of all services must be completed satisfactorily and within the specified period in the order falling which the Purchaser reserves the right to engage the services from other sources at the supplier's cost and risk.

9. **VALIDITY:**
THE OFFER SHOULD BE VALID FOR A MINIMUM PERIOD OF 180 DAYS FROM THE OPENING OF QUOTATION.
10. **RIGHT OF ACCEPTANCE:**
THE PURCHASER DOES NOT BIND HIMSELF TO ACCEPT THE LOWEST OR ANY OF OTHER TENDER AND RESERVES THE RIGHT OF ACCEPTANCE THE WHOLE OR ANY PART OF THE TENDER OR PORTION OF THE QUANTITY OFFERED.
11. **ARBITRATION:**
Any dispute or difference whatsoever arising between the parties out of or relating to the construction, meaning and operation or effect of this Contract or the breach thereof shall be settled by Arbitration in accordance with the Rules of Arbitration of the Indian Council of Arbitration and the award made in pursuance thereof shall be binding on the parties.
12. **JURISDICTION:**
All questions, disputes or differences arising under, out of or in connection with the contract shall be subject to the exclusive jurisdiction of court within local limits of Hyderabad, Andhra Pradesh, India.
13. **ADDENDA TO TENDER DOCUMENTS:**
The Purchaser reserves the rights to issue addenda to the tender documents to clarify, modify, supplement or delete any of the condition, clauses or items stated in the tender documents issued with this Invitation to Tender. Each addendum issued will be distributed to each tenderer or his authorized representative and the addendum so issued shall form a part of the original tender documents to be reviewed as required.
14. **QUERIES / CLARIFICATIONS:**
Queries / clarifications, either technical, financial or commercial, if any, that may arise, should be referred by the tenderer by fax / letter direct to the DY. GENL. MANAGER (PURCHASE), Mishra Dhatu Nigam Limited, PO Kanchanbagh, Hyderabad – 500 058 (Fax No. 040-24340764).
15. **NO CLAIM OR COMPENSATION FOR SUBMISSION OF TENDER:**
The tenderers whose tenders are not accepted shall not be entitled to claim any costs, charges and expenses of the tender, incidental to or incurred by them, through or in connection with their submission of tenders even though the Purchaser may elect to withdraw the invitation to tender.
16. **LOWEST TENDER NOT NECESSARY TO BE ACCEPTED:**
The Tenderers whose tenders are not accepted shall not be entitled to claim any costs, charges and expenses of the tender, incidental to / or incurred by them, through or in connection with their submission of tenders, even though the Purchaser may elect to withdraw the Invitation to Tender.
17. **BANKRUPTCY ETC.:**
If the Contractor shall become bankrupt or insolvent or cause or suffer any receiver to be appointed of his business or any asset thereof or compound with his creditors, or being a corporation commence to be wound up, or carry on its business under a Receiver for the benefits of its creditors or any of them, the Purchaser shall be at liberty:

To terminate the contract forthwith upon coming to know the happening of any such event as aforesaid by notice in writing to the Contractor or to the receiver / liquidator

OR

To give such receiver, liquidator or other person the option of carrying out the contract subject to his providing guarantee up to an amount to be agreed for the due and faithful performance of the Contract.

18. **SUBMISSION OF TENDER:**

TENDERS SHALL BE SENT BY REGISTERED POST OR PUT IN PERSONALLY IN THE SEALED TENDER BOX LOCATED AT THE CORPORATE SECURITY GATE OF MIDHANI. THE TENDER COVER SHALL SUPERSCRIBED OUR TENDER NUMBER AND DUE DATE.

THE TENDERS RECEIVED AFTER THE STIPULATED TIME (10:30 HRS IST) AND DUE DATE, DUE TO ANY REASON WHATSOEVER WILL NOT BE CONSIDERED.

19. **MODE OF SUBMISSION OF TENDER:**

TENDERS SHALL BE SUBMITTED AS PER THE PROCEDURE INDICATED AT ANNEXURE.

TENDERERS ARE REQUIRED TO SUBMIT THEIR TENDERS IN TWO PARTS, NAMELY:

1. **PART I:** TECHNO-COMMERCIAL BID (UN-PRICED) WITH EMD.
2. **PART II:** PRICE BID.

TECHNO-COMMERCIAL (UN-PRICED) BID: (ENVELOPE No.1), DETAILED TECHNICAL SPECIFICATIONS SHOULD BE FURNISHED ALONG WITH CATALOGUE / LITERATURE OF ORIGINAL MANUFACTURER AND SUBMITTED SEPARATELY SUPERSCRIBED AS "TECHNO-COMMERCIAL BID" (UN-PRICED) INCLUDING COMMERCIAL CONDITIONS INDICATING THE TENDER NO. & DUE DATE OF OPENING DULY SEALED AND KEPT IN ENVELOPE No.2.

PRICE BID: (ENVELOPE No.2), THE PRICED OFFER / QUOTATION SHOULD BE SUBMITTED SEPARATELY SUPERSCRIBED AS "PRICE BID" (ENVELOPE No.2) INDICATING THE TENDER NO. & DUE DATE OF OPENING DULY SEALED AND KEPT IN ENVELOPE No.2.

ALL THE TWO ENVELOPES SHOULD BE KEPT IN ENVELOPE No. 3 AND WHICH ALSO SHOULD BE SUPERSCRIBED WITH THE TENDER NO. & DATE OF OPENING. THE ABOVE IS FURTHER EXPLAINED IN GREATER DETAIL IN ANNEXURE - III.

UNSEALED TENDER, UNSIGNED TENDERS, TENDERS WHO ARE INCOMPLETE OR OTHERWISE CONSIDERED DEFECTIVE ARE LIABLE TO BE REJECTED. ANY BID NOT CONFIRMING TO ABOVE SHALL BE SUMMARILY REJECTED.

20. **TENDER OPENING:**

A) **TECHNO-COMMERCIAL BIDS (UN-PRICED):**

TECHNO-COMMERCIAL BIDS (UN-PRICED) ONLY SHALL BE OPENED ON THE DUE DATE INDICATED IN THE ENQUIRY IN THE PRESENCE OF TENDERERS OR THEIR AUTHORIZED REPRESENTATIVES WHO CHOOSE TO BE PRESENT AT THE TIME OF TENDER OPENING.

B) **PRICE BIDS:**

PRICE BIDS OF TECHNICALLY ACCEPTABLE TENDERS' SHALL BE OPENED AFTER THE TECHNO-COMMERCIAL BIDS EVALUATION AND AFTER RECEIPT OF CLARIFICATIONS, IF ANY, IN THE PRESENCE OF TENDERERS OR THEIR AUTHORIZED REPRESENTATIVES WHO CHOOSE TO BE PRESENT AT THE TIME AND DATE WHICH WILL BE INFORMED TO THE TENDERERS CONCERNED IN ADVANCE.

THE COMPARATIVE ASSESSMENT OF OFFERS RECEIVED WOULD BE MADE ON EQUAL FOOTING TAKING INTO ACCOUNT THE FINANCIAL IMPLICATIONS FOR THE DEVIATIONS IN TERMS AND CONDITIONS. CONDITIONAL DISCOUNTS OFFERED BY THE TENDERERS FOR COVERAGE WITHIN A SHORTER PERIOD FOR EARLY INSPECTION / PAYMENT ETC., SHALL NOT BE CONSIDERED AT THE TIME OF EVALUATION OF TENDERS.

21. **DEFINITIONS:**

PURCHASER:

The term "Purchaser" as used herein shall mean Mishra Dhatu Nigam Limited, incorporated under the Companies Act, 1956, and having its registered office at P.O. Kanchanbagh, Hyderabad - 500 058, India, and shall include its successors and assigns.

TENDERER:

The term "Tenderer" shall mean the person, firm or corporation submitting a tender against the Invitation to tender and shall include his/its heirs, executors, administrators, legal representatives, successors and assigns.

**_*_

PROCEDURE TO BE FOLLOWED FOR SUBMISSION OF TENDER:

ENVELOPE NO.1:

PART - I "TECHNO- COMMERCIAL BID"
& EMD

ENQUIRY NO: MDN/PUR/ADVT/E&C/RING ROLLING/2011
DATE: 04.01.2012
DUE DATE : 03.02.2012 @ 1030 HRS.

To
THE DY. GENERAL MANAGER (PURCHASE)
MIDHANI, HYDERABAD - 500 058.

NAME OF THE TENDERER:

ENVELOPE NO.2:

PART - II "PRICE BID"

ENQUIRY NO. MDN/PUR/ADVT/E&C/RING ROLLING/2011
DATE: 04.01.2012

To
THE DY. GENERAL MANAGER (PURCHASE)
MIDHANI, HYDERABAD - 500 058.

NAME OF THE TENDERER:

PLEASE PUT ALL THE THREE ENVELOPES IN A BIGGER SIZE ENVELOPE:

ENVELOPE NO: 3:

TENDER NO.

ENQUIRY NO. MDN/PUR/ADVT/E&C/RING ROLLING/2011
DATE: 04.01.2012
DUE DATE : 03.02.2012 @ 1030 HRS

CONTENTS:

- A) TECHNO-COMMERCIAL BID
- B) EMD
- C) PRICE BID

To
THE DY. GENERAL MANAGER (PURCHASE)
MISHRA DHATU NIGAM LIMITED
PO: KANCHANBAGH,
HYDERABAD - 500 058.

NAME OF THE TENDERER:

Organisation Name	MISHRA DHATU NIGAM LIMITED		
Organisation Type	Public Sector Undertakings:	Ministry:	Ministry of Defence: ✓
Tender Ref. No. :	ENQUIRY NO. MDN/PUR/ADVT/E&C RING ROLLING/2011		
Tender Title :	Erection and Commissioning works of Ring Rolling Mill at Hammer bay of Forge Shop		
Product Category :	Equipment		
Sub Category :	--		
Tender Value (INR if not mentioned):	EMD: Rs.1,00,000/-	Document Cost : Rs. 500/-	
Tender Type :	Tender Notice.		
Location :	Hyderabad.		
First Announcement Date :	04.01.2012 (The Hindu & Hindustan Times) – All India		
Publication Date on :	04.01.2012		
Last Date of Document Collection :	Upto : 1700 Hrs	02.02.2012	
Last date for submission :	Upto : 1030 Hrs	03.02.2012	
Opening Date :	At : 1030 Hrs	03.02.2012	
Erection and Commissioning works of Ring Rolling Mill at Hammer bay of Forge Shop	Contact person: DY. GENERAL MANAGER (PURCHASE).		
Pre-qualification :--	--		
Tender Document :	Enclosed.		
Bid Document :	Enclosed.		
Tech. Document :	Enclosed.		
Sector :	Hyderabad		
State :	Andhra Pradesh		
<i>For Further Information Contact</i>			
Name :	DY. GENERAL MANAGER (PURCHASE)		
Web site:	www.midhani.com		
E-Mail :	mohanty.midhani@nic.in		
Phone Office :	040 - 24343861		
Fax :	040 - 24340764		
Address :	M/s. Mishra Dhatu Nigam Limited, P.O. Kanchanbagh, Hyderabad - 500 058.		
City :	Hyderabad.		