



**MISHRA DHATU NIGAM LIMITED  
P.O.KANCHANBAGH, HYDERABAD**

**Part-II (PRE- PRICE BID)**

**MODIFICATION & EXTENSION OF FORGE LEAN  
TO ROOF SHED, MIDHANI,  
KANCHANBAGH, HYDERABAD-58.**

**PURCHASE DEPARTMENT****Tender Notice No: MDN/AP2071025/E-ADVT/091/17-18****Date:- 11-07-2017****To,**

Dear Sir,

**Sub: - MODIFICATION & EXTENSION OF FORGE LEAN TO ROOF SHED, MIDHANI - req**

1. Please find enclosed herewith the Tender Enquiry for the above work you are requested to furnish your offer through online <http://eprocuremidhani.nic.in> before last date of submission, along with Tender Fee Rs. 1000/- , EMD of Rs 1.85 Lakhs online through link <http://ebs.in/midhani/public> or visit midhani website [www.midhani.com](http://www.midhani.com) > purchase > Tenders > Tender fee, EMD fee (Earnest Money Deposit)—ONLINE PAYMENT or Bank Guarantee confirmed by bankers of bidders favoring MIDHANI through a Nationalized Bank/ Scheduled Commercial Bank en-cashable in INDIA . The tenders without EMD/tender fee amount will be rejected; request for adjustment from pending bill will not be entertained. Please confirm whether you are MSME Unit or MSME Unit owned by SC/ST Entrepreneur. If yes, please submit latest valid documentary proof for extending benefits as per government guidelines (Estimated value of work is Rs.74.14 Lakhs).
2. Tender shall be submitted on or before **31-07-2017** up to 10.30 hrs.
3. The period of completion of job will be (i) 90 days (staggered) for lean to roof shed at 30T & 90T furnace ( i.e Construction of new foundation & new structural steel work fabrication shall be in 60 days & erection of steel structure & roofing in 30 days after erection of 30T & 90T furnace recuperator equipments )from the date of handing over of site & (ii) 60 days ( staggered ) for construction of shed at 20T furnace & forge shop oil storage ( i.e 45 days for structural steel work, brick work etc & 15 days for sheeting work) from the date of handover of site. Time is essence of the contract; contractor has to mobilize materials & labour to complete within stipulated time period.
4. The tenderer shall inspect the site of work and understand the scope of work before quoting. No extra amount will be paid on account of misunderstanding either in scope of work, specification, drawings, site conditions etc.
5. All materials required for the work shall be arranged by the contractor unless until specified in Bill of Quantities.
6. The work shall be carried out as per MES-SSR-2009 specifications.
7. This is an item rate contract and the quantities are approximate, but payment will be made only on actual work done based on joint measurement.
8. (a) Four R. A Bills and one Final Bill will be paid. The contractor has to furnish all material bills along with each bill (if any).  
  
(b) Apart from the above, two material advance (02) bills for structural steel will be paid @ 60% of purchase rate and for the material brought to site with due MIDHANI Security entries @ Security stamp. This material advance will be recovered from RA bills on pro-rata basis. However entire material advance will be recovered in the pre-final bill.
9. R.A Bill will be paid within 15 days from the date of certification of Engineer-in-charge. However, Final payment will be made within 30 days after satisfactory completion of work and certification by Engineer-in-charge.

10. a) **Security Deposit (S.D):** The successful tenderers has to deposit 5% of contract value as Security Deposit at the time of agreement. This 5% Security Deposit can be submitted online through link <http://ebs.in/midhani/public> or visit midhani website [www.midhani.com](http://www.midhani.com)> purchase > Tenders > security Deposit –ONLINE PAYMENT or can deposit Bank Guarantee from any nationalized bank..The validity of B.G shall be equivalent to contract period plus three months extra. The EMD will be absolved in this 5% security deposit .The 5% Security Deposit will be released after completion of work, Site clearance and cleaning by the contractor duly certified by Engineer- In- Charge.
- b) **Retention Money :** A sum of 5% of gross value of work order will be deducted from each running bill and final bill. The same will be released after the completion of defect liability period of 12 months and after certification of Engineer –In- Charge. Also, contractor can submit Bank Guarantee for equivalent amount in the prescribed format issued by nationalized or scheduled bank and same shall be valid for defect liability period + 3 months claim period.
11. The security and safety rules of MIDHANI to be followed. The contractor shall take care of all labour laws regarding minimum wages, ESI, PF, C.A.R. Policy, Group Insurance etc., Midhani is no way responsible in this respect. Midhani is not liable for any claim in respect of any accidents during the work.
12. (a) MIDHANI reserves the right to operate partial or delete any item specified in BOQ without any compensation to contractor for the items un-operated or deleted.
- (b) If at any time after acceptance of the tender MIDHANI feels that for any reasons whatsoever, if the whole or any part of the contract services is not required to be carried out, notice shall be given in writing of the fact to the contractor and upon receipt of such notice, the contractor shall stop the execution of such services as indicated in the notice forthwith. The contractor shall have no claim to any payment of compensation or otherwise whatsoever on account of any profit or advantage which he might have derived from the execution of the services in full, but which he did not derive in consequence of the foreclosing of the services / contract. Contractor shall be paid at contract rates for the full amount of the work executed including such additional services as may be rendered necessary by said foreclosing.
13. Any new items (viz. supply of material, labour, skilled works etc) will be paid as per (a) or (b) whichever is less:
- As per MES-SSR 2016 rates with applicable Percentage Index at that time.
  - As per market rate analysis.
14. The contractor should not cause any loss or damage to MIDHANI property/or personnel, if any loss or damage is caused the cost of the same will be recovered from the bills by MIDHANI, which will be final.
15. The quantities are subjected to  $\pm 20\%$  variation, however, the structural steel may vary by  $\pm 50\%$  and the contractor has to carry the work on the same rates, terms and conditions within the variation limits prescribed.
16. If the contractor fails to receive the work order within a week time from the date of intimation to him or if the contractor does not start the work within 3-7 days from the date of handover of site, or if the work is abandoned / stopped without bringing proper notice to Engineer-in-charge, the contract will be terminated and balance work will be carried out at the cost and risk of contractor.
17. Liquidated Damages: - a) If the work is not completed within stipulated time, liquidated damages at 1% per week delay up to maximum of 10% total value of work will be deducted.

- b) If the delays are not attributed to the contractor, the competent authority holds the right to waive off the L.D or reduce the L.D as the case may be.
18. Midhani reserves the right to penalize
- If the contractor fails to submit the 5% Security deposit within the stipulated period, then penalty of Rs 1000 per day maximum of 10,000.00 will be collected and further delay will empower MIDHANI to termination of contract and apply risk purchase.
  - If the contractor fails to receive the work order within 3 days of intimation, then a penalty Rs 500 per day will be levied subjected to maximum of Rs 5000.00. Further delay will empower MIDHANI to termination of contract and apply risk purchase.
  - Contractor has to maintain "HINDRANCE REGISTER" which is to be certified by both MIDHANI Site engineer and contractor engineer before release of final bill.
19. The offer shall be valid for 3 months from the date of opening of tender.
20. Incomplete or partially filled tenders will be rejected. Also, conditional offers are liable for rejection. MIDHANI reserves the right to accept or reject any or all tenders without assigning any reasons.
21. Contractor has to maintain site record, hindrance record, record for steel, cement etc.
22. Site has to be cleaned by the contractor before handing over to MIDHANI after completing the work. The final bill will be processed only after obtaining site cleaning certificate from the Engineer-in-charge.
23. The Earnest money deposit can be encashed if the tenderer withdraws his tender proposals / modifies / changes / alters / impairs / derogates the tender document on his own after the first cover is opened or within the subsistence of the validity period of offer or fails to accept the Letter of Award (LOA) issued by MIDHANI or fails to submit security deposit or fails to turn-up and execute contract agreement or fails to commence the work as per LOA. Such bidders will be banned subject to action as may be deemed fit. In case of unilateral revision or withdrawal of offer by the bidder as above, shall also result in rejection of bid without notice. If there is any authentic information about the intending tenderer having formed a cartel / submitted Non-earnest bids, the tender will be cancelled and the Earnest Money Deposit of all the tenderer shall be forfeited, besides initiating actions like banning as may be deemed fit.
24. Contractor has to quote overall  $\pm$  percentage on this pre-price bid. The accuracy shall be up to two decimals.

Yours faithfully,  
For Mishra Dhatu Nigam Limited

**T.RaghuRam**  
**Addl. General Manager (Purchase)**

DECLARATIONS: - 1) I have seen the site and understood the full scope of work, specified in tender, BOQ, drawings etc.  
2) I agree to return all the documents along with this offer.  
3) I have taken into account of points circulated in Minutes of Pre bid Meeting circulated on MIDHANI website, if posted

CONTRACTOR  
SIGNATURE AND SEAL

P.S;- 1. All Parties shall attend pre bid meeting on 20-07-2017 at 14.00 Hrs PURCHASE DEPARTMENT.

**Module - I BOQ for Retrofitting of Lean to Roof shed from Grids C13 - C20 to E13 - E20  
at forge shop**

SNO (a)	DESCRIPTION (b)	QTY (c)	UNIT (d)	RATE (e)	AMOUNT (f)=(c) x (e)
1	Dismantling of A.C. sheets/north light curve sheets, G.I.sheets and other sheeting etc, any gauge and thickness etc (at all heights & levels as per site condition) as per instructions of Engineer-in-charge. The cost includes dismantling, loading, unloading stacking of materials wherever directed upto a distance of 500m.	700.00	Sq.m	50.00	35000.00
2	Dismantling, modification, welding & Refixing of steel louvers and steel ventilators. The cost includes one coat of red oxide and two coats of synthetic enamel paint.				
a)	Steel Louvers of size 1.50 x 1.20m	25	No.s	1000.00	25000.00
b)	Steel Ventilators of size 12.0 x 0.45m	4	No.s	500.00	2000.00
3	Dismantling of Brick wall (at all heights & levels as per site condition) as per instructions of Engineer-in-charge. The cost includes dismantling, loading, unloading stacking of materials wherever directed upto a distance of 500m.	25.00	Cu.m	617.40	15435.00
4	Dismantling RCC including taking out reinforcement in ground floors, and stacking at 50m lead. Rate also including disposal upto lead of 500m complete as per direction of Engineer-in-charge.	20.00	Cu.m	2197.16	43943.20
5	Dismantling, modifying, welding and refixing of structural steel work including doors, gates, rolling shutters with dome, Roof trusses (framed), purlins, crane gantries, rails and fastenings and heavy bracket framing (Beam, tee, angle, channel or flat sections) including distance pieces, cleats etc, ISMC Channels, ISMB, MS angles etc (at all heights & levels as per site condition) as per instructions of Engineer-in-charge. The cost of providing gas cutting machine, gas bottles, welding machine, welding rods, all tools required etc is in the scope of contractor. The cost includes supply and painting of one coat of Zinc chromate primer paint and two coats of enamel paint.	18750.00	Kg	34.30	643125.00

	The cost includes removal, loading, unloading, stacking of unused materials wherever directed upto a distance of 500m.				
6	Earthwork in Excavation by mechanical means (hydraulic means) / manual means over area including disposal of excavated earth, lead upto 50 m from natural ground level and backfilling of soils wherever & whenever required as directed by E.I.C. Disposed earth to be leveled and neatly dressed. This item includes surface cleaning and site clearance.				
a	All types of soil				
i.	0 to -3.00 m depth	54.00	Cu.m	341.09	18418.86
b	All types of rock				
i.	0 to -3.00 m depth	10.00	Cu.m	1519.85	15198.50
7	Carriage/Carting of excavated soils/rock by mechanical transport including loading, unloading, stacking and leveling for the required areas upto 1.0 km.				
a	All types of soils	20.00	Cu.m	245.33	4906.60
b	All types of Rocks	10.00	Cu.m	326.19	3261.90
8	Providing Plain Cement concrete in foundations filling and mass concrete 1:4:8 (20mm graded aggregate) including mixing, placing, compacting, ramming and curing.	40.00	Cu.m	3501.02	140040.80
9	Providing Reinforcement cement concrete design mix in Foundations, plinth beams, walls, basement, slabs supported on walls, base for columns etc. - M 20 (RMC) (20mm graded aggregates) including mixing, placing, compacting, vibrating and curing (at all heights and levels).	91.00	Cu.m	5476.56	498366.96
10	Providing Form work to sides of concrete bases, rafts, beams, Pillars, posts, structs, piers, columns, walls, slabs, staircase steps and stanchions etc – Flat Surfaces	270.00	Sq.m	374.22	101039.40
11	Supply and Fixing Fe-500 TMT steel bars 8 mm dia to 25mm dia, cut to length bend to shape required, including cranking, bending, spirally for hooping for columns, hooking ends and binding and including binding wire (enleaded) not less than 0.9mm dia at all heights and levels..	6500.00	Kg	73.87	480155.00

12	Providing & Constructing 230mm Brick Masonry in CM (1:6) (1 cement: 6 coarse Sand) at all levels including the cost of scaffolding, tools, tackles etc as per instructions of Engineer-in-charge.	37.50	Cu.m	3314.36	124288.50
13	Providing & Constructing stone masonry of random rubble, uncoursed, well bonded, bedded and solidly hearted, built in cement mortar (1:6) at all heights and levels including the cost of scaffolding etc.	16.20	Cu.m	2886.33	46758.55
14	Providing & Plastering in 20mm thick C.M(1:4). First coat plaster shall be 12mm in C.M(1:6) firmly applied to walls to get permanent bond and leveled with float to get plain surface & provide key to next coat. The second coat shall be 8mm in CM(1:4) firmly applied over 1st coat to get permanent bond and finished to get smooth even & fair surface at all heights and levels including the cost of scaffolding etc.	370.00	Sq.m	210.82	78003.40
15	Providing & Painting two coats ACE emulsion including surface painting any shade , the cost includes cost of surface preparation, one coat primer, at all heights and levels including the cost of scaffolding etc.	370.00	Sq.m	98.04	36274.80
16	Providing & fixing of M.S doors (double leaf) made up of 3mm sheet and frame made up of ISMC 75, ISA 50×50×6 angle and 3mm gusset plates at junction and corners. Cost also includes all fittings- handles, aldrop for locking, tower bolt, hinges, hold fasts. It also includes cost of one coat red oxide & two coats of synthetic enamel paint. (at all heights & levels and as per instruction of Engineer-in-Charge) (as per drawing).	60.00	Sq.m	5292.00	317520.00
17	Providing and grouting with Non-shrink Cementious grout material in required size of packing's (Fosroc Chemical : Conbextra GP2) as per the manufacture specification (50% chips allowance)	3.00	Cu.m	50000.00	150000.00
18	Supply & fixing of structural steel - M.S Steel Angles, including caps, bases, splices etc. built-up from two or more beam or channel sections or angles with plates, including all lattice bars, stiffeners, gusset plates, kerb angles, channels and beams, purlins etc at all levels as per drawing. The cost of providing gas cutting including gas bottles, welding machines, welding rods , all tools required etc	30250.00	Kg	92.61	2801452.50

	is in the scope of contractor. The cost includes supply and painting of one coat of Zinc chromate primer paint and two coats of enamel paint.				
19	a) Supply & Fixing of precoated galvanized iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 6 mm $\pm$ 5% total coated thickness (TCT), Zinc coating 120gsm as per IS 277 in 240 Mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12m or as desired by E-I-C. The sheet shall be fixed using self drilling / self tapping screws of size 5.5 x 55mm with EPDM seal complete. Also the L-flashings, corner trims and barge boards are to be carried out with similar sheeting complete.	1160.00	Sq.m	727.50	843900.00
	b) Providing & Fixing of 6mm thick polycarbonate light sheeting (size, shape and pitch of corrugation as approved by Engineer-in-charge) sheet should be supplied in size 3m x 1m or as desired by E-I-C. The sheet shall be fixed using self drilling / self tapping screws of size 5.5 x 55mm with EPDM seal complete. Also the L-flashings, corner trims and barge boards are to be carried out with similar sheeting complete.	20.00	Sq.m	727.50	14550.00
20	Cutting Recess in chimney portion and making water proof in colour coated galvalume sheeting. The cost includes water proof material in the cut edges of sheeting wherever required. Approximate dia of chimney is 1.20m.	2.00	No.s	15000.00	30000.00
21	Providing and Fixing Rain water gutter/trough at any height for collection of water and connecting the gutter to the nearest drain with PVC down spouts at every column etc. The cost includes PVC downspouts, bends, tees etc	75.00	R.mt	700.00	52500.00
22	Providing & laying 20mm thick ironite floor over 32mm with M20 concrete paid separately and top 20mm wear coat with ironite powder and concrete 1:2:4 grade with chips of 12.5mm down size including panel making using Glass strips and curing by ponding etc as per I.S. Standard.	380.00	Sq.m	176.40	67032.00



23	Supply of				
a	Skilled Labour (Masons, Fitters, Welders, Carpenters etc)	15.00	No.s	700.00	10500.00
b	Unskilled Labour	25.00	No.s	400.00	10000.00
		Total Amount of Module- I			<b>6608670.97</b>
		Rebate ± %			

**Module - II BOQ for construction of shed at 20T furnace area at forge shop**

SNO (a)	DESCRIPTION (b)	QTY (c)	UNIT (d)	RATE (e)	AMOUNT (f) =(c) x (e)
				Rs. Ps.	Rs. Ps.
24	Providing & Constructing 230mm Brick Masonry in CM (1:6) (1 cement : 6 coarse Sand) at all levels including the cost of scaffolding, tools, tackles etc as per instructions of Engineer-in-charge.	42.00	Cu.m	3314.36	139203.12
25	Providing & Plastering in 20mm thick C.M(1:4). First coat plaster shall be 12mm in C.M(1:6) firmly applied to walls to get permanent bond and leveled with float to get plain surface & provide key to next coat. The second coat shall be 8mm in CM(1:4) firmly applied over 1st coat to get permanent bond and finished to get smooth even & fair surface at all heights and levels including the cost of scaffolding etc.	360.00	Sq.m	210.82	75895.20
26	Providing & Painting two coats ACE emulsion including surface painting any shade , the cost includes cost of surface preparation, one coat primer, at all heights and levels including the cost of scaffolding etc.	360.00	Sq.m	98.04	35294.40
27	a) Supply & Fixing of pre-coated galvanized iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 6 mm ± 5% total coated thickness (TCT), Zinc coating 120gsm as per IS 277 in 240 Mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12m or as desired by E-I-C. The sheet shall be fixed using self drilling / self tapping screws of size 5.5 x 55mm with EPDM seal complete. Also the L-flashings, corner trims and barge boards are to be carried out with similar sheeting	300.00	Sq.m	727.50	218250.00

	complete.				
	b) Providing & Fixing of 6mm thick polycarbonate light sheeting (size, shape and pitch of corrugation as approved by Engineer-in-charge) sheet should be supplied in size 3m x 1m or as desired by E-I-C. The sheet shall be fixed using self drilling / self tapping screws of size 5.5 x 55mm with EPDM seal complete. Also the L-flashings, corner trims and barge boards are to be carried out with similar sheeting complete.	20.00	Sq.m	727.50	14550.00
28	Supply & fixing of structural steel - M.S Steel Angles, including caps, bases, splices etc. built-up from two or more beam or channel sections or angles with plates, including all lattice bars, stiffeners, gusset plates, kerb angles, channels and beams, purlins etc at all levels as per drawing. The cost of providing gas cutting including gas bottles, welding machines, welding rods , all tools required etc is in the scope of contractor. The cost includes supply and painting of one coat of Zinc chromate primer paint and two coats of enamel paint.	13000.00	Kg	88.20	1146600.00
			Total of Module -II Rs =		<b>1629792.72</b>
			Rebate ± %		

## Summary:

TOTAL AMOUNT OF MODULE -I = RS.

TOTAL AMOUNT OF MODULE -II = RS.

GRAND TOTAL AMOUNT = RS.