

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

Part-II (PRE- PRICE BID)

**CIVIL WORKS FOR RENOVATION & EXTENSION
OF FIRE DEPARTMENT, MIDHANI,
KANCHANBAGH, HYDERABAD-58.**

PURCHASE DEPARTMENT**Tender Notice No: MDN/PUR/AP2071009/ ADVT/033/17-18****Date:- 06-05-2017****To,**

Dear Sir,

**Sub: - CIVIL WORKS FOR RENOVATION AND EXTENSION OF FIRE DEPARTMENT,
MIDHANI - req**

1. Please find enclosed herewith a Tender Enquiry for the above, you are requested to furnish your offer in a sealed cover superscripting the envelope with name of work and last date of submission, along with EMD of Rs 25,195/- drawn in favour of MIDHANI. The tenders without EMD amount will be rejected; request for adjustment from pending bills will not be entertained. Estimated Value of work is Rs 10.07 lakhs.
2. Tender shall be submitted in tender box kept at corporate office on or before 30-05-2017 up to 10.30 hrs.
3. The period of completion of job will be 90 days from the date of handing over of site. Time is essence of the contract; contractor has to mobilize materials & labour to complete within 90 days 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. Three R. A Bills and one Final Bill will be paid. The contractor has to furnish all material bills along with each bill (if any).
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 tenderer has to submit 5% of Work order value as a security deposit in the form of D.D/ Bank Guarantee at the time of entering / signing the contract. Further, EMD deposited will be adjusted in 5% Security Deposit & the security deposited will be released after satisfactory completion of work and after certification of 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.

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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:
 - a) As per MES-SSR 2016 rates with applicable Percentage Index at that time.
 - b) 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 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
 - a) 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.
 - b) 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.

- c) 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. Interested parties may attend tender opening on 30-05-2017 at 11:00 hrs.
21. 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.
22. Contractor has to maintain site record, hindrance record, record for steel, cement etc.
23. 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.
24. 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.

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

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SIGNATURE AND SEAL

P.S;- 1. All Parties shall attend pre bid meeting on 18-05-2017 at 11.00Hrs PURCHASE DEPARTMENT.

BOQ for Civil work for renovation & Extension of fire Department							
S.No	Description of work	unit	Qty	Rate		Amount	
				Rs.	Ps.	Rs.	Ps.
1	Earthwork Excavation in Hard soil by mechanical means by excavators etc or manual means by crow bar, Chisel etc including disposal of excavated earth, lead up to 50m and lift up to 1.5m, disposed earth/ to be leveled and neatly dressed.	Cum	15.90				
2(a)	Providing & construction Brick work with second class bricks locally available best quality bricks of class above plinth level in all shapes and sizes in Cement mortar 1:6 (1 cement : 6 coarse sand) including scaffolding, curing, tools, tackles etc complete.	Cu.m	22.85				
2(b)	Providing& construction CRS walls built in cement mortar (1:6) (cement : sand) including labour for cutting stone to required size and shape, mixing of cement mortar, construction, curing etc complete.	Cu.m	9.88				
3	Providing & Plastering 20 mm cement plaster in two coats under layer 12 mm thick cement plaster 1:6 (1 cement : 5 coarse sand) and a top layer 8mm thick cement plaster 1:4 (1 cement : 4 coarse sand) finished rough with sponge including scaffolding, curing etc complete.	Sq.m	110.88				
4	Providing and laying the Plain cement concrete (1:2:4)with 40mm aggregates including mixing, placing, compacting and curing complete.	Cu.m	2.09				
5	Providing & fixing centering & shuttering including strutting, propping etc., & removal of form	Sq.m	37.80				
6	Providing & laying RCC M20 Design Mix of specified grade excluding the cost of centering & shuttering all work at all levels, including cost of placing, compaction, vibration, pumping, consolidation, curing complete, with 20mm & down size metal at all levels.	Cum	6.55				
7	Providing, fabricating and fixing Structural steel work bolted or welded in built up sections, tubular trusses , purlins, etc and in framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer and two coats of synthetic enamel paint complete	Kgs	1030.00				

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8	Labour charges for fabrication & erection of structural steel including one coat red oxide & two coats enamel paint complete.	Kgs	900.00		
9	Providing & painting One coat primer & two or three coats OBD painting with (Birla wall putty) luppum finish 2 coats, including surface preparation of walls complete, as per instructions of Engineer-In-Charge at all heights & levels including scaffolding.	sqm	849.81		
10(a)	Providing & Painting two to three coats ACE painting including surface painting the cost includes cost of surface preparation, one coat primer, scaffolding tools, tackles etc at all heights & levels	Sqm	412.8		
10(b)	Providing & Painting two coats ENAMEL painting the cost includes cost of surface preparation, Scaffolding tools, tackles etc at all heights & levels.	Sqm	100		
11	Dismantling of brick work and clearing the debris from the site up to a lead of 500 meters as per EIC	Cu.m	1.00		
12	Labour charges for cutting, bending, tying TMT reinforcement bars with binding wire, placing in position and Rate includes the cost of supply & fixing binding wire ect,. only TMT bars is free issue from MIDHANI & The reinforcement work is to be carried as per the drawing and schedule given by the Engineer-in-charge.	Kgs	560.00		
13	Supply and Fixing coloured glazed ceramic wall tiles of size 2' X 1' including plastering with (1:6) mortar and finishing joints with coloured pigment matching to the tiles complete as per EIC.	Sqm	100		
14	Supply and Fixing non skid floor tiles of size 1' X 1' including with (1:6) mortar and finishing joints with coloured pigment matching to the tiles complete as per EIC.	sqm	21		

15	Providing & Fixing UPVC doors with shutter complete as per instructions of EIC. Factory made solid panel PVC door shutter 30 mm thick (style) consisting of frame made out of M.S. tubes for top & bottom rails M.S. frame shall be covered with heat moulded plain colour PVC 'C' channel having a PVC sheet strip of 20mm width stuck inside with solvent cement for stiles and plain colour PVC sheets for top rail, lock rail & bottom rail on either side & as gap insert for top rail & bottom rail; paneling of plain colour PVC sheet to be fitted in the M.S. frame welded / sealed to the stiles & rails with suitable PVC sheet beading, and joined together with solvent cement, suppling & fixing in the frame at site as per specification & drawings. Solid PVC Door Frame of size 50mm X 47mm made out of 5mm plain colour PVC sheet reinforced with M.S. Square tube, suppling & fixing of SS Hard ware fiitings like hinges, tower bolt, towel hook, handels 2 no's etc.,	Sqm	3.78		
16	Providing & fixing of wooden flush door of 35mm thick door of size 7' x 3' and fixing with teak wood chowkhat of size 4' X 3' including Stainless steel Hardware fittings like 6" Handles-2 No's, 4" hinges-3 no's, 4" Tower bolts, double barreled door stopper etc., of approved quality.	Nos	1		
17	Supply for fixing of Aluminum powder coated ventilator of size 2' x 2' windows including providing of 4mm glass panes, provision of exhaust fan complete & masquto mesh of size	sqm	1.08		
18	Providing & Fixing Sanitary Fittings				

	<p>A) Providing and fixing white vitreous china pedestal type Water Closet (European type) with seat and lid, Dual low level white vitreous flushing cistern and C.P. flush bend with fittings & C.I. brackets, 40mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete including painting of fittings and brackets, also including Matching colour polypropylene seat cover with necessary C.P. brass hinges, rubber bushes etc. including one 15mm nb CP brass angle valve also including 15mm inlet connection with brass unions at ends also cutting and making good the walls and floors wherever required including cost and conveyance of all material to site, for finished item of work. The cost includes provision of S-Trap & Automatic flush tank 5 litre capacity with flush pipe, ball cock, CP inlet pipe & outlet arrangement. W.C. pan with ISI white solid plastic seat & lid including intigrated Cistern (Hindware/Cera make)</p>	Each	1		
	<p>B) Providing and fixing Water Closet squatting pan (Indian type W.C. pan) with 100mm P or S trap, Single Flush low level white P.V.C. flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, also including 15mm inlet connection with brass unions at ends including one 15mm nb CP brass angle valve with all fittings and fixtures complete including cutting and making good the walls and floors wherever required. including P trap of indian W.C shall be encased on CC (1:2:4) 6" around well above the joints to stop leakage at the joint etc, complete including cost of automatic PVC flush tank 5 litre capacity with flush pipe, ball cock, inlet & outlet arrangement and conveyance of all materials to site, cost of CC bed, labour charges and , charges etc., complete for finished item of work. White Vitreous china Orissa pattern W.C. pan of size 580x440mm with integral type foot rests (Hindware/Cera make).</p>	Each	1		

	C) Providing and fixing white vitreous china Large flat back lipped front urinal basin of 610 x 410 x 380 mm 1st quality as approved by Engineer -In -charge with CP brass fittings such as speader with unions and clamps including 25mm CP concealed flush valve with isolation valve, CP brass flush bend also dome shaped waste coupling, union, nut 50mm dia PVC waste pipe clamped in walls with suitable trap leading up to the P Trap etc. including cutting and making good walls, including cost and conveyance of all materials to site,labour charges etc., complete for finished item work. (Hindware/Cera make)	Each	3		
	D)Providing & fixing of 20 mm thick marble urinal partition fixing to the wall including application of pegment cement to match with tile complete	sqm	0.9		
	E) Supply and fixing of 2 in 1 tap of 20mm bore (Hindware/Cera make)	Each	1		
	F) Providing and fixing health faucet (c.p) (Hindware/Cera make)	Each	2		
	G) Providing and fixing full pedestal wash basin with C.I. brackets, 15mm C.P. brass pillar taps with C.P. inlet connection with brass unions at ends, including painting of fittings and brackets, cutting and making good the walls/ floors wherever necessary all complete as per specifications also including 40mm PVC waste pipe of heavy grade with necessary pipe fittings of required length of approved make. The cost includes provision of P-trap, inlet & outlet pipes etc., White vitreous china wash basin size 630 x 450 mm including full pedestal with a 15mm C.P. brass pillar tap. (Hindware/Cera make)	Each	3		
	H)providing and fixing of water tank (Sintex) 1000 Liters including tank nipple	Each	1		
	I) supply and fixing of Ball valve (15 mm nominal bore)	Each	1		
	J)Providing and construction of Manhole chambers (600 X600mm)dia at bottom & top respectively to a depth of 900mm with FPS bricks of 230mm thick with cm (1:6) including plastering the surfaces and cement punning inside the chamber and also to provide the precast concrete cover on the top with suitable MS frame in angle section arrangement complete	Each	2		
	K)Providing and fixing of s.s soap dispenser	Each	3		

	L) Providing & Fixing looking mirrors 6 mm thick 4' X 2' size with beveled edge and with teak wood backup and brass screws complete.	SFT	8		
	M) Providing laying and jointing glazed stoneware pipes (150mm diameter) grade 'A' with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints, including cost and conveyance of all materials to site and all labour charges for finished item of work etc. complete.	RM	10		
	N)providing and fixing of PVC floor nahani traps including all fittings jointing with cement solvent complete in 75mm	Each	6		
	O) supply and fixing of CPVC pipes (25 mm nominal bore) with all complete connection fittings	RM	30		
	P)Supply & fixing PVC out let pipe 75mm dia (Make Sudhakar/ Ashirwad) pipe including all connected fittings like vent cap and clamping etc., complete	RM	10.00		
	Q) Supply & fixing PVC out let pipe 110 mm dia (Make Sudhakar/ Ashirwad) pipe including all connected fittings like vent cap and clamping etc., Complete	RM	10.00		
	R) Providing & fixing of CP Jalli complete.	Nos	80.00		
	S) supply and fixing of door closure (godrej make)	Nos	3		
	T)Providing and fixing pillar cock Hindware make	Each	3		
19	Providing, laying and jointing SWR UPVC pipes 110mm dia of Type B as per IS 13592 of approved make for soil, waste and vent pipes with solvent joints including necessary fittings like bends, tees, Y, hanger bars of required length etc, including cutting and making good masonry or concrete floor, walls and testing of pipelines, painting with paint of approved make etc. all complete in sunken slab.	RM	15.00		
20	a) Removal of existing water proofing layer of tarfelt on the surfaces of roof and internal surface of parapet wall including loose materials and carting away the debrisPressure grouting points with cement & chemical slurry at c/c feet for the total area	sqm	265.9		

	b) Repair of cracks if any on the surface of roof and internal surface of parapet walls shall be same with crack filling compound and applying a coat of Bituminous primer premier @ 0.25 Kg sqm as an under layer over entire existing surfaces of roof and internal surfaces of parapet walls.				
	c) Cleaning & preparation of existing surfaces of the roof and internal surfaces of parapet walls including removal of loose particles and fungus with wire brush using solvent etc complete.				
	d) Supply and apply 3mmthick/ 3.50kg/sqm Actatic poly Propolyene torch on water proofing Membrane at1.10 to 1.12 meter/Sqm having polyester reinforcement and mineral slates top finish over entire existing surfaces of roof and internal surfaces of parapet walls with 10 cms overlaps and fushing the over laps and joints by thermo fusion process.				
21(a)	Supply of Skilled labour	No's	12.00		
21(b)	Supply of unskilled labour	No's	20.00		
22	Supply & installation of precast galvanized iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade including provision of FRP sheet for lighting ,The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal complete. Also the L-flashings, Corner trims and rain water gutter are to be carried out with similar sheeting complete.	Sqm	70.00		

23	IPS flooring (Indian patent stone flooring) shall be 50 mm or of thickness specified and laid in two layers, bottom layer 32mm thick or as specified in 1 part of Portland cement, 2 parts of sand and 4 parts of crushed stone aggregate 18 mm down well graded machine mixed with not more than 5.5 gallons of water for each bag of cement and top layer 8mm thick in one part of Portland cement, 2.5 parts of selected crushed stone chips 6mm down with just enough sand maximum part to make workable mix, machine mixed with not more than 5 gallons of water. Top layer to be laid before the bottom layer has hardened. Flooring shall be laid in squares or bays as directed and each layers shall be well compacted by ramming with heavy teak wood flats. The top shall be brought to a smooth and even surface free from blemishes and finished smooth by steel trowel ling. After the concrete surface has hardened sufficiently to prevent polishing stone. The flooring shall be kept wet for seven days for curing.	Sqm	60.00		
24	Providing and laying of screed concrete of 1:2:4 (12.5 MM aggregate) over slab before water proofing including mixing, placing, vibrating and curing complete.	Cu.m	14.00		
			Total Amount in Rs.		

In words

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