

MAHARSHI DAYANAND UNIVERSITY ROHTAK

NOTICE INVITING TENDER

Sealed tenders on percentage basis are invited on behalf of the Registrar, MDU, Rohtak from contractors/societies / agencies on approved list of Haryana PWD B&R / P.H. Br., MES, CPWD, autonomous bodies and other State / Centre Govt. undertakings. The tender forms will be issued to the contractors / societies / agencies up to the date of opening of tenders as mentioned against work by 12:00 Noon and will be received upto 2:00 P.M. in the office of the Registrar and opened at 2:30 P.M. on the same day in the Committee Room of Vice-Chancellor office in the presence of the tenderers or their authorized representatives, who may like to be present at that time. **The tender documents may be obtained from the office of the undersigned and the same be deposited in the office of the Registrar by the due date.**

Sr. No.	Name of work	App. Amt. (Rs.)	Earnest Money (Rs.)	Cost of tender form (Rs.)	Date of opening of tender	Time limit
1.	Providing and fixing of 11 KV HT(E) underground cable from Library H Pole to H-Pole near Pharmacy Department(for stand by purpose) and from H-Pole near boundary wall of Working Women Hostel to Stadium building H-Pole including dismantling of existing 11 KV H.T. line from 3 pole structure near Working Women Hostel to H-Pole near Stadium Building	18,00,000/-	36,000/-	1,000/-	10.02.2012	04 months
2.	S.I.T. and C. of 25 mtr. high mast fittings at Boys Hostels Complex and at proposed Park in front of Type-I/Type-IA houses	18,00,000/-	36,000/-	1,000/-	10.02.2012	05 months
3.	Providing and fixing wall fans (400mm size) in the Centre for Bio-Technology)	2,54,000/-	5,080/-	500/-	10.02.2012	02 months

CONDITIONS:-

1. Complete DNIT (Detailed Notice Inviting Tender) alongwith eligibility criteria/terms & conditions and changes if any can be seen in the office of undersigned on any working day during office hours (9:00 AM to 5:00 PM) and on University Website – www.mdurohtak.ac.in
2. The tenderer will keep in touch with the University Web site for any change in the NIT/DNIT till the last date/revised last date of sale of tender and incorporate such changes in NIT/DNIT and the tender bids.
3. In case tendering day happens to be a holiday, the tenders will be received / opened on next working day at the same time.

4. Earnest money is to be deposited before purchase of the tender. It should be in the shape of Demand Draft or Deposit at Call in favour of the Executive Engineer, MDU, Rohtak payable at Rohtak.
5. Contractors shall quote single percentage of rate below/above on (HSR+C.P.) and separate single percentage of (HSEBSR+C.P.) on all chapters. N.S. item rates are to be quoted separately. The tender, without the rates of N.S. items, if any, in DNIT, will be rejected.
6. Conditional tender is liable to be rejected.
7. Any work, here tendered, may be withdrawn from further processing at any stage at the discretion of the competent authority without assigning any reason.
8. Nothing extra whatsoever shall be paid on account of losses, damages done by rains or any other natural calamity.
9. The tender is liable to be rejected if the tender is found in variance of these conditions or the conditions of the DNIT.
10. Engineer-in-Charge is competent to increase / decrease the quantity of work. The contractor shall have no claim to any payment or compensation whatsoever on account of any profit or advantage which he might have derived from the execution of the work in full in case of decrease of quantity.
11. The University reserves the right to accept or reject or negotiate any of the tender or conditions/items without assigning any reason.
12. Plumbing and E.I. work shall be got done through license holder agencies for the works involving PH / E.I.
13. The agencies shall paste the cello tape on the rates quoted by them.

ELIGIBILITY FOR ISSUE OF TENDERS:

14. At the time of purchase of tenders, the contractors should bring with them, proof of enlistment and following other documents.
 - a. The agency should have successfully completed one work of similar nature not less than 80% of DNIT amount or two works of similar nature not less than 60% of DNIT amount each or three works of similar nature not less than 40% of DNIT amount each done during last five years. Certificates of successfully completed works should be furnished by not below the rank of Executive Engineer or equivalent.
 - b. The Agency should submit the attested copy of sale tax registration certificate, if applicable.
 - c. The Agency will submit latest ITR and self attested copy of PAN card.
 - d. The financial turnover of the Agency will be 1.25 times of DNIT amount each for previous two years for similar work duly audited by Chartered Accountant .
 - e. The contractor should be H.T. license holder from Chief Electrical Inspector Haryana, Chandigarh and should submit attested copy of same (for the work at sr. no.1)

Executive Engineer (Elect.)
P.T.O.

Endst. No. EE/ 2012 / 504-545

Dated: 19.01.2012

A copy of the pre-page is forwarded to the following for information and necessary action:-

1. Superintending Engineer, PWD B&R Circles, Rohtak
2. Technical Advisor to VC, MDU, Rohtak
3. Executive Engineer, PWD B&R (Medical College), Rohtak
4. Executive Engineer, KUK / HAU. Hisar / GJU, Hisar / CDLU, Sirsa
5. Secretary to Vice-Chancellor (for kind information of the Vice-Chancellor), M. D. University, Rohtak
6. P.A. to Registrar (for kind information of Registrar), MDU, Rohtak
7. SDE(C-I, II, III) / SDE (E-I) / SDE (PH) / SDE (Horti.-I, II), MDU, Rohtak
8. Divisional Accountant / H.D.M., Engineering Cell, MDU, Rohtak
9. Notice Board
10. Contractor/Agency/Society: _____

Executive Engineer (Elect.)

DNIT for the work “Providing and fixing of 11 KV HT(E) underground cable from Library H Pole to H-Pole near Pharmacy Department(for stand by purpose) and from H-Pole near boundary wall of Working Women Hostel to Stadium building H-Pole including dismantling of existing 11 KV H.T. line from 3 pole structure near Working Women Hostel to H-Pole near Stadium Building in MDU, Rohtak”

App. Amt. : Rs.18.00 lac
Earnest Money : Rs. 36,000/-
Time Limit : 04 months

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
1 / 31.21	20 mtr.	(P) Pipe laying Supply & erection of pipe for wiring purposes including bends inspection boxes etc. where necessary and painting as required:- (xxix) supply and erection of cast iron pipe laid 1 metre below ground level including digging and refilling of the trench completing with jointing with jute and cement etc.:- (a) Cast iron pipe 120mm dia	@ Rs. 77.00 (Rs. seventy seven only)	Per metre
	150 mtr.	(xxx) S/Erection of PVC pipe of 6 Kg. pressure. Laid 1 metre below ground level complete including digging refilling of the trench with jointing etc :- (a) PVC pipe 120 mm dia	@ Rs. 59.00 (Rs. fifty nine only)	Per metre
2/31.22	04 nos.	Earthing: (iii) Earthing with G.I. earth plate 600mm x 600mm x 6mm thick including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (but without charcoal or coke and salt) complete as required.	@ Rs. 453/- (Rs. four hundred fifty three only)	Each
	04 nos.	(v) Extra for charcoal or coke and salt for G.I. plate or copper plate earth electrode	@ Rs. 186/- (Rs. one hundred eighty six only)	Each

Contd.....P/2.....

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
	150 mtr.	(xv) Providing and fixing 25 mm x 5mm G.I. strip on surface or in recess for connections etc. as required with all labour and material	@ Rs. 20.30 (Rs. twenty and paisa thirty only)	Per metre
3/31.35	10 nos.	(x) Miscellaneous: (ix) S/E of aluminum lugs heavy duty including crimping etc up to the entire satisfaction of Engineer-in-charge of the work. (g) 50 sqmm	@ Rs. 2.60 (Rs. two and paisa sixty only)	Each
	20 nos.	(h) 70 sqmm	@ Rs. 5.10 (Rs. five and paisa ten only)	Each
	30 nos.	(m) 240 sqmm	@ Rs.18.50 (Rs. eighteen and paisa fifty only)	Each
	14 nos.	(n) 300 sqmm	@ Rs. 24.50 (Rs. Twenty four and paisa fifty only)	Each

Contd...P/3....

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
4/31.40	15 mtr. 15 mtr.	Supply and erection of PVC unsheathed copper conductor cable single core 1100 volts grade in pipe of suitable size excluding cost and erection of pipe(for connection of G.O. switches on existing pole). vi) Cable size 16 sqmm (7/1.70mm) vii) Cable size 25 sqmm(7/2.14mm)	@ Rs. 83.70 (Rs. Eighty three and paisa seventy only) @ Rs. 134.70 (Rs. One hundred thirty four and paisa seventy only)	Per mtr. Per mtr.
5/6.6	1000 cum	(B) (i) Earth work in Excavation of Foundations in Trenches Earth work in excavation in foundations, trenches, etc in all kinds of soils, not exceeding meters depth including dressing of bottom and sides of trenches , stacking the excavated soil, clear from the edge of excavation and subsequent filling around masonry, in 15 cm layers with compaction , including disposal of all surplus soil, as directed with in a lead of 30 meters	@ Rs. 1108.10 (Rs. One thousand one hundred eight & paisa ten only)	Per 100 cum
6/10.26	100 cum	(D) Cement Concrete: Cement concrete 1:8:16 with brick ballast 40mm nominal size in foundation and plinth.	@ Rs. 300.20 (Rs. three hundred twenty only)	Per cum
7/11.5	300 cum	(A) Brick Work in Cement Mortar: First class brick work laid in cement sand mortar 1:3 in foundation and plinth.	@ Rs. 461.40 (Rs. four hundred sixty one and paisa forty only)	Per cum
8/15.5	1600 sqm	(A) Plastering on walls. 12 mm thick cement plaster 1:4	@ Rs. 12.70 (Rs. Twelve & paisa seventy only)	P.sqm

Sr. No. / HSR / HSEB S.R.	Qty.	Description	Rate (Rs.)	Unit
9/HSEB S.R.		<u>SUB HEAD "A"</u> Erection of supports for lines varying from 11 KV to 33 KV complete with accessories:		
	02 no.	5. Erection of stay set and complete with barbed wire.	@ Rs. 30/- (Rs. thirty only)	Each
	06 nos.	5. Dismantling of stay set and complete with Barbed wire.	@ Rs. 30/- / 2 i.e. Rs. 15/- (Rs. fifteen only)	Each
	06 nos.	14. Erection of H.T. concrete poles.	@ Rs. 90/- (Rs. ninety only)	Each
	22 nos.	14. Dismantling of H.T. concrete poles	@ Rs. 90/- / 2 i.e. Rs. 45/- (Rs. forty five only)	Each
10/HSEB S.R.		<u>SUB HEAD "C"</u> Erection of Sub-Station complete with accessories:-		
	01 nos.	4. Erection of R.D. fuses with fittings.	@ Rs. 80/- (Rs. eighty only)	Each
	01 nos.	4. Dismantling of R.D. fuses and fittings.	@ Rs. 80/- / 2 i.e. Rs. 40/- (Rs. forty only)	Each
	02 nos.	3. Erection of lighting arrester set (erection of G.O. Swich).	@ Rs. 100/- (Rs. One hundred only)	Each
	01 no.	2. Erection of 200 KVA pole mounting substation without H-Poles	@ Rs. 550/- (Rs. Five hundred fifty only)	Each

Sr. No. / HSR / HSEB S.R.	Qty.	Description	Rate (Rs.)	Unit
11/HSEB S.R.	2 KM 1 KM 150 nos.	<p><u>SUB HEAD “D”</u> Erection of conductors wires etc. complete with accessories.</p> <p>1. Dismantling of conductor of sizes single wire including jointing and birding with insulators at supports. (ii) ACSR/BCC No. 4.3 Swg. (viii) GSL No., 8 Swg.</p> <p>2. Making and fixing of cradle gurards H.T. & L.T. (Dismantling only)</p>	<p>@ Rs. 220/- / 2 i.e. Rs. 110/- (Rs. one hundred ten only) @ Rs. 200/- /2 i.e. i.e. Rs. 100/- (Rs. one hundred only)</p> <p>@ Rs. 5/- / 2 i.e. Rs. 2.50 (Rs. two and paisa fifty only)</p>	<p>Per KM Per KM Each</p>
12/N.S.		Supply and erection of 11 KV ‘E’ H.T. power cable stranded, compact circular aluminum conductor, conductor screened, XLPE insulated, insulation in screened with extruded semiconducting compound, aluminium round wire armoured and overall PVC sheathed (ST-2PVC) black cable conforming to IS:7098/II/85 with latest amendments. Stranded, compact circular aluminium conductor, conductor screened with extruded semiconducting compound, XLPE insulated, insulation screened with extruded semiconducting compound in		

Sr. No. / HSR / HSEB S.R.	Qty.	Description	Rate (Rs.)	Unit
	200 mtrs. 1200 mtr.	<p>combination with copper tape (0.3 KA for 1 sec.) cores laid up, inner sheathed (ST-2 PVC), galvanized steel strip armoured, and overall PVC sheathed (ST-2PVC) black cable conforming to IS:7098/II/85 with latest amendments.</p> <p>(i) 3 core cable 240 sqmm Havells / Polycabe make</p> <p>a) 1 mtr. below ground level covered with sand and bricks including necessary connection digging and refilling of the trench complete in all respects and to the entire satisfaction of Engineer-in-Charge.</p> <p>b) Loose in existing pipe and trench complete with necessary connections complete in all respects and to entire satisfaction of Engineer-in-Charge.</p>	<p>Rate to be quoted by the contractor</p> <p>Rate to be quoted by the contractor</p>	<p>Per mtr.</p> <p>Per mtr.</p>
13/N.S.	2 nos.	Supply and erection of 3 core straight through joint HVT type suitable for existing 240 sqmm 11 KV (E) screened XLPE cable Reychem RPG / M. Seal make complete in all respect and to the entire satisfaction of Engineer-in-Charge.	Rate to be quoted by the contractor	Each
14/N.S.	10 nos.	Supply and erection of 3 core outdoor termination HVT type suitable for existing 240 sqmm 11 KV (E) screened XLPE cable Reychem RPG / M. Seal make complete in all respect and to the entire satisfaction of Engineer-in-Charge.	Rate to be quoted by the contractor	Each

Sr. No. / HSR / HSEB S.R.	Qty.	Description	Rate (Rs.)	Unit
15/N.S.	200 kg.	Supply and erection of M.S. channel / angle iron of required sizes on existing poles including required sizes / nos. of holes in all respects as per satisfaction of Engineer-in-Charge complete.	Rate to be quoted by the contractor	Per kg.
16/N.S.	60 kg.	Supply and erection of M.S. flat of required sizes on existing poles including required sizes / nos. of holes in all respects as per satisfaction of Engineer-in-Charge complete.	Rate to be quoted by the contractor	Per kg.
17/N.S.	20 kg.	Supply and erection of M.S. nuts & bolts of various sizes on existing poles for fixing channels / flat / angles complete in all respects as per satisfaction of Engineer-in-Charge complete.	Rate to be quoted by the contractor	Per kg.
18/N.S.	14 nos.	Dismantling of angle iron / M.S. channel flat of various sizes 5' / 6' long with clamps from existing poles complete in all respect as per satisfaction of Engineer-in-Charge.	Rate to be quoted by the contractor	Each
19/N.S.	50 nos.	Dismantling of pin insulator 11 KV with pin from existing V. shape/Top hamper on existing pole complete in all respect as per satisfaction of Engineer-in-Charge	Rate to be quoted by the contractor	
20/N.S.	11 nos.	Dismantling of V. Shape with clamp from existing pole complete in all respect and as per satisfaction of Engineer-in-Charge	Rate to be quoted by the contractor	Each

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
21/NS	04 nos.	Supply and erection of stay set complete in all respect with 7/8 SWG stay wire and egg insulator comprising M.S. rod of 8mm dia meter 1.5 meter long to with stand 1000 K load and thread upto 250mm long with cross channel of size 450mmx450mm made out of 75mmx40mm x 6mm M.S. channel as per entire satisfaction of Engineer-in-Charge	Rate to be quoted by the contractor	Each
22/NS	12 nos.	Dismantling of 11 KV dis fixed on existing poles as per entire satisfaction of Engineer-in-Charge.	Rate to be quoted by the contractor	Each
23/NS	1000 cum	Supply and filling of river sand in existing trench for underground H.T. cables as per entire satisfaction of Engineer-in-Charge.	Rate to be quoted by the contractor	Per cum
24/NS	14000 nos.	Supply and erection of 1 st class bricks on existing cable in trench as per entire satisfaction of Engineer-in-Charge.	Rate to be quoted by the contractor	Each
25/NS	150 mtr.	Holing / drilling of road by machine for laying required size of PVC pipe/C.I. pipe as per entire satisfaction of Engineer-in-Charge.	Rate to be quoted by the contractor	Per mtr.
26/NS	40 nos.	Providing and fixing precast RCC (1:1½ :3) cable route marker of size 0.75 mtr. deep x 0.25 mtr. width x 0.15 mtr. thick. 0.25 mtr. below top of side wall and proper embedded in wall. The writing words H.T. CABLE on three side of route marker including arrow on two sides with approved make of enamel paint of red colour including white colour Apex of approved make with 6 nos. horizontal stirrups of tor steel bar 8mm dia and 6 nos. vertical tor steel bars 12mm dia as per instructions and as per entire satisfaction of Engineer-in-Charge.	Rate to be quote by the contractor	Each

- Note : 1. The underground cable will be used of Havells / Polycabe make No extra payment will be allowed on this account.
2. PVC pipe of 6 Kg. pressure Kasta / Swastik / Supreme make of HSR item no. 31.21 will be used. No extra payment will be allowed on this account.

A. ELEGIBILITY CRITERIA (At the time of purchase of tender):

1. The agency should have successfully completed one work of similar nature not less than amounting to Rs. 15.00 lac or two works of similar nature not less than Rs. 11.00 lac each or three works of similar nature not less than Rs. 8.00 lac each done during last five years. Certificates of successfully completed works should be furnished by not below the rank of Executive Engineer or equivalent.
2. The Agency should submit the attested copy of sale tax registration certificate.
3. The Agency will submit latest ITR and self attested copy of PAN card.
4. The financial turnover of the Agency will be Rs. 20.00 lac each for previous two years for similar work duly audited by Chartered Accountant .
5. The contractor should be H.T. license holder from Chief Electrical Inspector Haryana, Chandigarh and should submit attested copy of same.

B. TERMS & CONDITONS:

1. The tenderer will keep in touch with the University Web site for any change in the DNIT till the last date/revised last date of sale of tender and incorporate such changes in DNIT and the tender bids.
2. The items will be supplied with test certificate of the materials incorporated where applicable. Testing of items will be got done as per IS standards as decided by the Engineer-in-Charge. The Agency will bear the cost of testing.

Detail for the work “Providing and fixing wall fans (400mm size) in the Centre for Bio-technology, MDU, Rohtak”

App. Amt. Rs. 2,54,000/-

Earnest House Rs. 5,080/-

Time Limit: 02 months

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
1/31.40	1250 mtr.	S/Erection of PVC unsheathed copper conductor cable single core 1100 volts grade in pipe of suitable size excluding cost and erection. (i) cable size 1.5 sqmm (3/0.81 mm)	@ Rs.10.20 (Rs. Ten & paisa twenty only)	Per mtr.
2/31.48	700 nos.	S/Erection of MS saddles and clamps on wall/.RCC parapet for fixing underground cable at a distance of 0.60 metre centre to centre fixed by means of rawl plug including the cost of all labour and material required complete the job in all respect	@ Rs. 5.00 (Rs. Five only)	Each
3/31.56	92 nos. 92 nos.	Providing and fixing modular type accessories of approved make in existing box including fixing and making necessary connection, complete in all respects. i) 10 amp. 1 way switch ii) 10 amp. socket	@ Rs. 87/- (Rs. Eighty seven only) @ Rs. 106/- (Rs. One hundred six only)	Each Each
4/31.57	92 nos.	Providing and fixing GI concealed sheet metal boxes with inner and outer faceplate including concealing the box in all and fixing in position with inner plate and face plate with all labour and material required for the job complete in all respects. i) 1x2 Modules	@ Rs. 101/- (Rs. One hundred one only)	Each
5/NS	14835 sqcm	Supply and erection of M.S. box made of 16 gauge M.S. sheet on wall with arrangement of fixing brass screws, of required size with coating (anodized) suitable for modular accessories including all labour and material required to complete the job in all respect as per entire satisfaction of Engineer-in-Charge	Rate to be quoted by the contractor	Per sqcm

Contd...P/2....

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
6/NS	390 mtr.	Supply and erection of PVC conduit pipe ISI marked (medium) 20mm dia on wall/on ceiling etc. including cost of PVC bends, inspection box and all other petty material required to complete the job in all respect as per entire satisfaction of Engineer-in-charge.	Rate to be quote by the contractor	Per mtr.
7/NS	92 nos.	Providing and fixing of wall fan "ORIENT" make Model no. wall 41 size 400mm (16") on existing wall including carriage charges, necessary connections with petty materials required such as suitable nut bolts/rawl plugs with washers etc. complete in all respect as per entire satisfaction of Engineer-in-Charge.	Rate to be quote by the contractor	Each

DNIT for the work “ S.I.T and C. of 25 mtr. High Mast fittings at Boys Hostel Complex and at proposed Park in front of Type-I/Type-IA houses in MDU, Rohtak”

App. Amt. of Part-I & II : Rs. 18.00 lac

Earnest Money : Rs. 36,000/-

Time Limit : 05 months

PART-I: S.I.T and C. of 25 mtr. High Mast fittings at Boys Hostel Complex

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
1/31.12(c)	04 nos.	(c) Moulded case circuit breakers: Supply & erection of moulded case circuit breaker on wall or on existing pedestal including bonding to earth and necessary connections. (ii) 100 amp. To 220 amp. 415V 10 K.A. 3 phase. (25 K.A. 3 phase)	@ Rs. 4,246/- (Rs. four thousand two hundred forty six only)	Each
2/31.22	04 nos.	(Q) Earthing: (i) Earthing with G.I. earth pipe 4.5 m long and 40mm dia with masonry enclosures on the top etc. as required.	@ Rs. 378/- (Rs. three hundred seventy eight only)	Each
	04 nos.	(ii) Extra for using salt and charcoal/coke for pipe earth electrode as required.	@ Rs. 125/- (Rs. one hundred twenty five only)	Each
	20 mtr.	(xii) Providing and laying earth connections from earth electrode with 4.00 mm dia G.I. wire in 15mm dia G.I. pipe from earth electrode as required.	@ Rs. 24.50 (Rs. twenty four and paisa fifty only)	Per mtr.
	40 mtr.	(xvi) Providing and fixing 4.00 dia G.I. wire on surface or in recess for loop earthing as required.	@ Rs. 3.40 (Rs. three and paisa forty only)	Per mtr.
3/31.25 (xlii)	200 mtr.	(S) Under Ground Cables Supply & erection of underground cable 1 metre below ground level covered with sand and bricks including necessary connections, digging and refilling of trenches. (xlii) 35 sqmm 4 core cable Armoured	@ Rs. 80.40 (Rs. eighty and paisa forty only)	Per mtr.
4/31.26 (xlii)	100 mtr.	Supply and erection of underground cable, loose in existing pipe or trenches complete with necessary connections : (v) 35 sqmm 4 core cable Armoured	@ Rs. 65.80 (Rs. sixty five and paisa eighty only)	Per mtr.

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
5/31.21 xxx	20 mtr. 30 mtr.	(P) Pipe laying Supply & erection of pipe for wiring purposes including bends inspection boxes etc. where necessary and painting as required:- (xxx) S/Erection of PVC pipe of 6 Kg. pressure. Laid 1 metre below ground level complete including digging refilling of the trench with jointing etc:- (a) PVC pipe 120mm dia (c) PVC pipe 65 mm dia	@ Rs. 59/- (Rs. fifty nine only) @ Rs. 31/- (Rs. thirty one only)	Per mtr. Per mtr.
6/31.28(iii)	08 nos.	Supply and erection of suitable compression type brass cable glands for underground cable:- (iii) 25 sqmm to 50 sqmm Cable 2 to 4	@ Rs. 16.80 (Rs. sixteen and paisa eighty only)	Each
7/31.33(ii)		S/E of Godrej Almiraha type M.S. pedestal mad of 50 mm x 50 mm x 6 mm angle iron frame with 3.00 mm thick M.S sheet covering including shutter with suitable hinges and locking arrangements with Godrej type handle including round bars. The top covering should have downward overhang of 75 mm on wall sides of pedestal, having two sets of water proof ventilation holes of suitable size on the sides, at top and bottom each set containing four nos. holes to discharge the heat produced by the current. The shutters fixed with rubber gasket of superior quality and of suitable size to make it water proof. The pedestal duly painted both inside and outside with two coats of approved		

Contd....P/3....

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
	02 nos.	<p>paint and primary coat and it's legs are embedded up the entire depth in 1:2:4 cement concrete block, projected 75 mm all around the pedestal and 200 mm above the ground level including the cost of all labour and material required to complete the job in all respect up to the entire satisfaction of Engineer-in-charge of work:-</p> <p>(ii) M.S. pedestal of size 750 wide , 900 mm high and 300 mm deep and bottom totally open duly embedded in cement concrete block of size 900 mm x 450 mm x 200 mm above ground level duly plastered with 12 mm thick 1:4 cement plaster, having a base of size 1050 mm x 600 mm x 250 mm below ground level</p>	<p>@ Rs. 1,492.00 (Rs. One thousand four hundred ninety two only)</p>	Each
8/31.35	32 nos.	<p>(x) Miscellaneous (ix) S/E of aluminum lugs heavy duty including crimping etc. upto the entire satisfaction of Engineer in charge of work : (f) 35 sqmm</p>	<p>@ Rs. 2.50 (Rs. two and paisa fifty only)</p>	Each
	100 nos.	<p>(xi) Supply and erection of cable route marker made of 50 cm long 10mm dia M.S. Rod welded/revitted at the top with 10 cm dia 5mm thick G.I. plate inscribed with 'cable' word on it, having a cross arm 30 cm long of the same dia welded at the bottom, in existing trench 45 cm below ground level.</p>	<p>@ Rs. 17/- (Rs. seventeen only)</p>	Each

Contd....P/4....

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
9/31.40	20 mtr.	Supply and erection of PVC unsheathed copper conductor cable single core 1100 volts grade in pipe of suitable size excluding cost and erection of pipe. viii) Cable size 35 sqmm (7/2.52mm)	@ Rs. 184.40 (Rs. one hundred eighty four and paisa forty only)	Per mtr.
10/31.49	6000 sqcm	Supply and erection of MS box made of 16 Gauge MS sheet recessed in wall with arrangement of fixing brass screws, 2 Nos. check nuts and one no. PVC bush of required size including all labour and material required to complete the job in all respect upto the entire satisfaction of Engineer-in-Charge of work. (ii) with coating (anodized) suitable for modular accessories.	@ Rs. 0.12 (Paisa twelve only)	Per sqcm
11/10.29	03 cum	(D) Cement Concrete: Cement concrete 1:8:16 with stone aggregate 20mm nominal size in foundation and plinth	@ Rs. 336.25 (Rs. three hundred thirty six and paisa twenty five only)	Per cum
12/10.42	04 cum	Cement concrete 1:1½: 3 with stone aggregate 20mm nominal size in foundation and plinth	@ Rs. 702.50 (Rs. seven hundred two and paisa fifty only)	Per cum
13/NS	02 nos.	Supply and erection of 3 phase 4 wire digital energy meter "Genous" make 10-60 amp. in existing pedestal approved make of UHBVN with all petty material required to complete the job as per satisfaction of Engineer-in-Charge.	Rate to be quoted by the contractor	Each
14/NS	02 nos.	Supply and erection of L.T. fuse unit board on existing LT pole complete in all respect with required size of nuts & bolts as per satisfaction of Engineer-in-Charge.	Rate to be quoted by the contractor	Each

Contd...P/5....

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
15/NS		<p>i) <u>Supply, installation, testing and commissioning of 25 mtr. High Mast System:-</u></p> <p>I) Supply part:-</p> <p>a) mast shall be in three section, hot dip galvanized, inside and outside in single dip, suitable for wind velocity as per IS 875 part 3. There shall be only one longitudinal seam weld per section and no circumferential weld. It shall also include accessories for high mast including head frame, 2-point suspension system with steel wire rope 6mm dia (7/19 construction) double drum winch, Galvanized Lantern carriage arrangement suitable for 12 luminaries symmetrically and its control gear boxed and lighting finial. The mast shall have integral type power tool at the base compartment for its raising and lowering operation (Bajaj Make). = 02 nos.</p> <p>b) Supply of foundation bolts manufactured from special steel along with nuts, washers, anchor plates and templates. = 02 sets</p> <p>c) Supply of non-integral floodlight luminaries type RVP 302 2 x HPIT 400W with T-lamps 2 nos. 400 Watt MH lamp and its control gear boxes "Phillips" make. = 24 nos.</p> <p>d) Supply of twin dome aviation obstruction light of type BJAOL with 100 W GLS lamp. = 02 nos.</p> <p>e) Supply of control panel housing suitable control circuit for automatic switching ON and OFF of the mast. It shall also have suitable controls for operation of power tool. = 02 nos.</p>	Rate to be quoted by the contractor	Each

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
		<p>ii) <u>ERECTION PART:-</u></p> <p>a) Construction of suitable shallow foundation with 1:2:4 concrete for the High considering the safe soil bearing capacity at site as 10 T/sqmt at 2 metre depth with all materials and labour. = 02 jobs</p> <p>b) erection of the high mast with the help of suitable equipment and wiring of luminaries with all wiring material and labour including fixing of all accessories / fitting etc. = 02 jobs</p> <p>c) Provision of GI pipe earthing for High mast with 2.5 M long 40mm dia G.I. pipe including connection to High mast earth terminal with 25 x3 G.I. flats with all materials and labour(2 nos. per mast required) = 02 jobs</p> <p>iii) TESTING AND COMMISSIONING:-</p> <p>a) Installation of control panel on suitable foundation including all material and labour. = 02 jobs</p> <p>b) testing and commissioning of High Must. = 02 jobs</p>		

Contd...P/7....

PART-II “S.I.T. and C of 25 mtrs. High Mast fittings in proposed Park in front of Type-I / Type-I-A houses in MDU, Rohtak”

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
1/31.12(c)	02 nos.	(c) Moulded case circuit breakers: Supply & erection of moulded case circuit breaker on wall or on existing pedestal including bonding to earth and necessary connections. (ii) 100 amp. To 220 amp. 415V 10 K.A. 3 phase/ (25 K.A. 3 phase)	@ Rs. 4,246/- (Rs. four thousand two hundred forty six only)	Each
2/31.22	02 nos. 02 nos. 10 mtr. 20 mtr.	(Q) Earthing: (i) Earthing with G.I. earth pipe 4.5 m long and 40mm dia with masonry enclosures on the top etc. as required. (ii) Extra for using salt and charcoal/coke for pipe earth electrode as required. (xii) Providing and laying earth connections from earth electrode with 4.00 mm dia G.I. wire in 15mm dia G.I. pipe from earth electrode as required. (xvi) Providing and fixing 4.00 dia G.I. wire on surface or in recess for loop earthing as required.	@ Rs. 378/- (Rs. three hundred seventy eight only) @ Rs. 125/- (Rs. one hundred twenty five only) @ Rs. 24.50 (Rs. twenty four and paisa fifty only) @ Rs. 3.40 (Rs. three and paisa forty only)	Each Each Per mtr. Per mtr.
3/31.25 (xlii)	100 mtr.	(S) Under Ground Cables Supply & erection of underground cable 1 metre below ground level covered with sand and bricks including necessary connections, digging and refilling of trenches. (xlii) 35 sqmm 4 core cable Armoured	@ Rs. 80.40 (Rs. eighty and paisa forty only)	Per mtr.
4/31.26 (xlii)	50 mtr.	Supply and erection of underground cable, loose in existing pipe or trenches complete with necessary connections : (v) 35 sqmm 4 core cable Armoured	@ Rs. 65.80 (Rs. sixty five and paisa eighty only)	Per mtr.

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
5/31.21 xxx	10 mtr. 15 mtr.	(P) Pipe laying Supply & erection of pipe for wiring purposes including bends inspection boxes etc. where necessary and painting as required:- (xxx) S/Erection of PVC pipe of 6 Kg. pressure. Laid 1 metre below ground level complete including digging refilling of the trench with jointing etc:- (a) PVC pipe 120mm dia (c) PVC pipe 65 mm dia	@ Rs. 59/- (Rs. fifty nine only) @ Rs. 31/- (Rs. thirty one only)	Per mtr. Per mtr.
6/31.28(iii)	04 nos.	Supply and erection of suitable compression type brass cable glands for underground cable:- (iii) 25 sqmm to 50 sqmm Cable 2 to 4	@ Rs. 16.80 (Rs. sixteen and paisa eighty only)	Each
7/31.33(ii)		S/E of Godrej Almiraha type M.S. pedestal made of 50 mm x 50 mm x 6 mm angle iron frame with 3.00 mm thick M.S sheet covering including shutter with suitable hinges and locking arrangements with Godrej type handle including round bars. The top covering should have downward overhang of 75 mm on wall sides of pedestal, having two sets of water proof ventilation holes of suitable size on the sides, at top and bottom each set containing four nos. holes to discharge the heat produced by the current. The shutters fixed with rubber gasket of superior quality and of suitable size to make it water proof. The pedestal duly painted both inside and outside with two coats of approved		

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
	01 nos.	<p>paint and primary coat and it's legs are embedded up the entire depth in 1:2:4 cement concrete block, projected 75 mm all around the pedestal and 200 mm above the ground level including the cost of all labour and material required to complete the job in all respect up to the entire satisfaction of Engineer-in-charge of work:-</p> <p>(ii) M.S. pedestal of size 750 wide , 900 mm high and 300 mm deep and bottom totally open duly embedded in cement concrete block of size 900 mm x 450 mm x 200 mm above ground level duly plastered with 12 mm thick 1:4 cement plaster, having a base of size 1050 mm x 600 mm x 250 mm below ground level</p>	<p>@ Rs. 1,492.00 (Rs. One thousand four hundred ninety two only)</p>	Each
8/31.35	16 nos.	<p>(x) Miscellaneous (ix) S/E of aluminum lugs heavy duty including crimping etc. upto the entire satisfaction of Engineer in charge of work : (f) 35 sqmm</p>	<p>@ Rs. 2.50 (Rs. two and paisa fifty only)</p>	Each
	50 nos.	<p>(xi) Supply and erection of cable route marker made of 50 cm long 10mm dia M.S. Rod welded/revitted at the top with 10 cm dia 5mm thick G.I. plate inscribed with 'cable' word on it, having a cross arm 30 cm long of the same dia welded at the bottom, in existing trench 45 cm below ground level.</p>	<p>@ Rs. 17/- (Rs. seventeen only)</p>	Each

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
9/31.40	10 mtr.	Supply and erection of PVC unsheathed copper conductor cable single core 1100 volts grade in pipe of suitable size excluding cost and erection of pipe. viii) Cable size 35 sqmm (7/2.52mm)	@ Rs. 184.40 (Rs. one hundred eighty four and paisa forty only)	Per mtr.
10/31.49	3000 sqcm	Supply and erection of MS box made of 16 Gauge MS sheet recessed in wall with arrangement of fixing brass screws, 2 Nos. check nuts and one no. PVC bush of required size including all labour and material required to complete the job in all respect upto the entire satisfaction of Engineer-in-Charge of work. (ii) with coating (anodized) suitable for modular accessories.	@ Rs. 0.12 (Paisa twelve only)	Per sqcm
11/10.29	03 cum	(D) Cement Concrete: Cement concrete 1:8:16 with stone aggregate 20mm nominal size in foundation and plinth	@ Rs. 336.25 (Rs. three hundred thirty six and paisa twenty five only)	Per cum
12/10.42	04 cum	Cement concrete 1:1½: 3 with stone aggregate 20mm nominal size in foundation and plinth	@ Rs. 702.50 (Rs. seven hundred two and paisa fifty only)	Per cum
13/NS	01 nos.	Supply and erection of 3 phase 4 wire digital energy meter "Genus" make 10-60 amp. in existing pedestal approved make of UHBVN with all petty material required to complete the job as per satisfaction of Engineer-in-Charge.	Rate to be quoted by the contractor	Each
14/NS	01 nos.	Supply and erection of L.T. fuse unit board on existing LT pole complete in all respect with required size of nuts & bolts as per satisfaction of Engineer-in-Charge.	Rate to be quoted by the contractor	Each

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
15/NS		<p><u>i) Supply, installation, testing and commissioning of 25 mtr. High Mast System:-</u></p> <p>I) Supply part:-</p> <p>a) mast shall be in three section, hot dip galvanized, inside and outside in single dip, suitable for wind velocity as per IS 875 part 3. There shall be only one longitudinal seam weld per section and no circumferential weld. It shall also include accessories for high mast including head frame, 2-point suspension system with steel wire rope 6mm dia (7/19 construction) double drum winch, Galvanized Lantern carriage arrangement suitable for 12 luminaries symmetrically and its control gear boxed and lighting finial. The mast shall have integral type power tool at the base compartment for its raising and lowering operation (Bajaj Make). = 01 no.</p> <p>b) Supply of foundation bolts manufactured from special steel along with nuts, washers, anchor plates and templates. = 01 set</p> <p>c) Supply of non-integral floodlight luminaries type RVP 302 2 x HPIT 400W with T-lamps 2 nos. 400 Watt MH lamp and its control gear boxes “Phillips” make. = 12 nos.</p> <p>d) Supply of twin dome aviation obstruction light of type BJAOL with 100 W GLS lamp. = 01 no.</p> <p>e) Supply of control panel housing suitable control circuit for automatic switching ON and OFF of the mast. It shall also have suitable controls for operation of power tool. = 01 no.</p>	Rate to be quoted by the contractor	Each

Sr. No. / HSR	Qty.	Description	Rate (Rs.)	Unit
		<p>ii) <u>ERECTION PART:-</u></p> <p>a) Construction of suitable shallow foundation with 1:2:4 concrete for the High considering the safe soil bearing capacity at site as 10 T/sqmt at 2 metre depth with all materials and labour. = 01 job</p> <p>b) erection of the high mast with the help of suitable equipment and wiring of luminaries with all wiring material and labour including fixing of all accessories / fitting etc. = 01 job</p> <p>c) Provision of GI pipe earthing for High mast with 2.5 M long 40mm dia G.I. pipe including connection to High mast earth terminal with 25 x3 G.I. flats with all materials and labour(2 nos. per mast required) = 01 job</p> <p>iii) <u>TESTING AND COMMISSIONING:-</u></p> <p>a) Installation of control panel on suitable foundation including all material and labour. = 01 job</p> <p>b) testing and commissioning of High Must. = 01 job</p>		

Note : 1. The underground cable will be used of Havells / Polycabe make No extra payment will be allowed on this account.

2. PVC pipe of 6 Kg. pressure Kasta / Swastik /Supreme make of HSR item no. 31.21 will be used. No extra payment will be allowed on this account.
3. 31.12, 31.5, 31.17, 31.40 and 31.41 will be used of Standard / Havells make and no extra payment will be allowed on this account.
4. Quantity of steel in the foundation will be got re-checked before execution of work.
5. The items will be supplied with test certificate of the materials incorporated where applicable. Testing of items will be got done as per IS standards as decided by Engineer-in-Charge. The Agency will bear the cost of testing.