

TENDER DOCUMENTS
OFFICE OF THE MUNICIPAL CORPORATION YAMUNANAGAR-JAGADHRI
SHOT TERM TENDER/COMMUNITY PARTICIPATION NOTICE

On behalf of Commissioner, Municipal Corporation Yamunanagar-Jagadhri invites percentage rate and item rate tender through E-tendering on portal <http://www.etenders.hry.nic.in> from approved and eligible contractors enlisted in appropriate category with Municipal Corporation Yamunanagar-Jagadhri, P.W.D. B&R, and Public Health Engineering Department, Irrigation Department, water resources department, Haryana State Agricultural & Marketing Board, HUDA and Panchayati Raj Department of Haryana or registered with any other Govt. Department of Govt. undertaking. In case of Electrical works the contractor should have A-Class electrical contractor license issued from chief electrical inspector of respective state.

Sr. No.	Particular	Details (Sample date)
1	NIT No. and date	
2	Estimated cost (Rs.)	As following Detail
3	Tender Document Cost (Rs.) Non refundable	1500/-
4	EMD (Rs.) for 1. Contractor (@ 2% of estimated cost) 2. L/C Societies @ 1% of estimated cost)	
5	Online Tender Submission Start Date	13.11.2017
6	Online Tender Bid Submission End Date	17.11.2017 (5:00 PM)
7	Opening of Technical Proposal	19.11.2017 (3:00 PM)
8	Financial Bid Opening Date (only of technically qualified bidders)	19.11.2017 (5:00 PM)

Detail of Work:-

Sr. No.	Name of work	Estimated/ Cost in Lac	Time Limit
1	P/F of LED Light on Radour Road from Jammu Colony toward Joria Naka Ynr.	24.33 Lac	Three Month
2	P/F of 31 no New Street Light point along with laying of street light line from Teli Majra to Hunde wala Farm W.No. 1 Jag.	3.00 Lac	Two Month
3	P/F of 42 no New Street Light point along with laying of street light line in Vill. Jarodi W.No. 2 Jag.	3.16 Lac	Two Month
4	P/F of (1No) 9 mtr Mini High Naka Ward No. 12 Ynr.	0.90 Lac	Two Month
5	P/F of 46 nos street light points along with laying of street light in Aatam Nagar, Vishnu Garden Block-B.	4.04 Lac	Two Month
6	Providing and fixing of LED Light at various places in Tilak Nagar, Parhalad Puri, Krishna colony & Ranjeet	4.50 Lac	Two Month

	Garden W/No. 19 Ynr.		
7	P/F of 9 meter Mini High Mast lights (LED) in Shiv Mandir Park Professor Colony Ynr.	0.85 Lac	Two Month
8	Providing and fixing 50 nos. LED street light points and laying of street light line on main Road Vill. Raipur Chowk to Vill Pansara W.No 12 Yamunanagar.	5.82 Lac	Two Month
9	Providing and fixing of 9 meter Mini High Mast lights (LED) in Vatika Park Professor Colony Ynr.	0.82 Lac	Two Month
10	P/F of 283 no. LED Street Light Points and Laying of Street Light Line in Raipur, Kami Majra area, Yamunanagar.	24.97 Lac	Three Months
11	P/F of LED light on main road Timber Market old Hamida ward no. 13 Ynr.	2.04 Lac	Two Month
12	Development of Hanuman Park in ward no. 19 Ynr.	2.00 Lac	Two Month

The Bidder can download the tender documents from the Portal: <http://www.etenders.hry.nic.in>. The Bidders shall have to pay for the Tender documents Fee offline **through Demand Draft or receipt of Citizen Facilitation centre of Municipal Corporation**. The payment for Tender Document Fee can be made by eligible bidders/contractors through Debit Cards & Internet Banking Accounts and the Payment for EMD can be made through Demand draft in favour of Commissioner, Municipal Corporation Yamunanagar-Jagadhri.

Note:- If the tenders are cancelled or recalled on any grounds, the tender document fees will not be refunded to the agency.

All tenders will be received through e-tendering. Tenders will be opened on the prescribed date as mentioned above in the presence of the agency or their representative who like to be present in the office of Municipal Corporation/Yamunanagar-Jagadhri.

Any resident of MC, Yamunanagar-Jagadhri who has a stake in any of these works and wishes to be a member of the Citizen Supervisory Committee to be set up by the MC, Yamunanagar-Jagadhri for supervision of the execution of works on the ground, may submit their willingness giving name, address, academic qualification, professional experience and contact phone number to the undersigned by the date of opening of tender.

e-Tender is invited in single stage two cover system i.e. Request for Technical Bid (online Bid under Technical Envelope **with EMD**) and Request for Bid (comprising of price bid Proposal under online available Commercial Envelope):-

Eligibility and qualification of the Applicant will be first examined based on the details submitted online under first cover (Technical) with respect to eligibility and qualification criteria prescribed in this Tender document. The Price Bid under the second cover shall be opened for only those Applicants whose Technical Applications are responsive to eligibility and qualifications requirements as per Tender document.

1. Intending bidders will be mandatorily required to online sign-up (create user account) on the website <http://www.etenders.hry.nic.in> to be eligible to participate in the e-Tender. He/She will be required to make payment **as prescribed in the table on Pre Page of Colum of EMD Sr. No. 4** towards EMD fee in due course of time. The intended bidder fails to pay EMD fee under the stipulated time frame shall not be allow to submit his/her bids for the respective event/Tenders.

2. The interested bidders shall have to pay mandatorily Tender Documents fee (Non refundable) of Rs. 1500/- of each work (Rupee One Thousand Five Hundred Only) **through Demand Draft or receipt of Citizen Facilitation centre of Municipal Corporation Yamunanagar-Jagadhri on or before 17.11.17 to 5:00 PM.**

Municipal Engineer (Elect),
Municipal Corporation
Yamuna Nagar-Jagadhri.

CORRIGENDUM

Extension in Tender submission date for 12 No. Electrical Work

The submission date for the bids of tender, advertised in Newspaper for 12 No. Electrical works in various areas of Yamunanagar-Jagadhri has been extended upto Dated 23.11.2017 (3:00 PM). Technical Bid for the received tenders shall be opened on Dated 24.11.2017 (3:00 PM) and Financial bid shall be opened on Dated 24.11.2017 (5:00 PM).

All other Terms & Conditions for the bid shall remain the same.

Municipal Engineer (Elect),
Municipal Corporation
Yamuna Nagar-Jagadhri.

BOQ for P/F of LED Light on Radour Road from Jammu colony toward Jorian Naka Ynr.

Says Rs. 24.33 Lac

HSR ITEM

Sr. No.	HSR/N.S. Item	Qty.	Description	Unit	Rate+ premium	Total amount
1	31.9 (i)	1200 Mtr.	S/E of PVC copper insulated and sheathed 3 Core circular flexible wire:- @ size 1.50 Sqm.	Per Mtr.	23.69	28428.00
2	HSR 31.12 (a) c (ii)	1 No.	S/E of moulded case circuit breaker on existing pedestal including bonding to earth, necessary connection. 100amp to 220 amp 10 KA phase.	Each	6369	6369
3	31.17 B(1)	3 nos	S/E of miniature circuit breaker/isolator 240/215 v in exiting distribution board including making necessary connection B(i)I isolator 40 amp 4 pole	each	423.8	1271.00
4	31.22 (i)	15 Nos.	Earthing with GI pipe 4.5 meter long dia & 40mm dia with masonry enclosures on the top etc. as required.	Each	1701	25515.00
	(ii)	15 Nos.	Extra for using salt & charcoal / coke for the pipe earth electrode as required.	Each	562.5	8437.00
	(iii)	75 Mtr.	Supply & Laying 6 SWG GI wire 0.5 meter below ground level as conductor earth electrode including thimble, soldering as required.	Per Mtr	15.75	1181.00
5	31.33		S/E of Godrej Almirah type M.S. Pedestal made of 50x50x 6mm			

	(iii)		<p>angle iron frame with 3.00mm thick M.S. Sheet covering including shutters with suitable hinges and locking arrangement with Godrej type handle including round bars. The top covering should have downward overhang of 75mm on all 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 paint and primary coat and it's legs are embedded upto the entire depth in 1:2:4 cement concrete block, projected 75mm all around the pedestal and 200mm above the ground level including the cost of all labour and material required to complete the job in all respect upto the entire satisfaction of Engineer-in-Charge.</p> <p>M.S. Pedestal of 750mm wide, 900mm high and 300 mm deep and bottom totally open, duly embedded in cement concrete block of size 900mm x 450mmx200mm above ground level duly plastered with 12mm thick 1:4 cement plaster, having a base of size 1050mm x 600mm x 250mm below ground level.</p>	Each	5222	5222.00	
6	31.26 xl	2200mtr .	S/E of underground cable 1 meter below loose/in existing pipe including necessary connections 16 sq.mm 4 core cable armoured	per mtr.	112.32	247104.00	
7	31.40	50mtr.	Supply and erection of PVC unsheathed copper conductor single core 1100 Volts grade in pipe of suitable size excluding cost and erection of pipe Size 1.5 sqmm	Per mtr.	11.22	561.00	
8	31.67	2100 mtr	S/E of mark double walled corrugated (DWC) HDPE Pipe laid one meter below ground level including all digging refilling of	Per mtr.	95/-	199500.00	

			earth including cost of suitable size of socket/cuppler for HDPE pipe including cost of labour and material required to complete the job in all respect to the entire satisfaction of Engineer in Charge of the work. (i) HDPE pipe 63/50 mm outer dia/inner dia.				
9	31.68	50 nos	Supply & Erection of Hot Dip Galvanized octagonal pole of 3mm thickness, with base plate including cost of nut and bolts and all accessories as supplied by the manufacturer including cost of foundation accessories etc. The Foundation bolts as per manufacturer design should be hot dipped galvanized pole complete with door locking arrangement. Terminal plate consisting of 2 Nos. 100 A, 4 pole natural links including connection etc. with suitable connecting arrangement for 2 No. MCBs/kit kat including cost of R.C.C. 1:1 5:3 for foundation of size 0.7 Mx0.7 x 1.8 M with minimum 8No. 12 mm dia longitudinal MS reinforcement rods with rings of 8mm dia not more than 200mm C.C for fixing the pole with all labour & material required to complete the job in all respect 8 Mtr. Long pole with top dia 70 mm and bottom dia 135 mm with base plate of size 225x225 x12 mm (Bajaj, Philips, Crompton make)	each	15320/-	766000.00	

NS ITEM

Sr. no	HSR/NS Item	Qty.	Description of item	Rate
10	NS	50	Supply of bracket made of GI pipe 50 mm dia 1.5 mtr Long with 25 mm dia bottom pipe GI with collar pipe (GI) 100 mm 60 cm long top covered with ornamental cap duly welded, painted 2 coats of aluminium paint on bracket and golden paint on ornamental cap complete in all respect including holding nuts bolts etc. suitable for fixing on top of 70 mm dia octagonal pole (as per design)	each

			Double Arm Bracket	
11	NS	100	Supply & Erection of LED 72 Watt road lighting luminaire IP 66 with pressure die cast housing with epoxy powder coated dark graphite grey colour finish. Prismatic polycarbonate cover with individual LED lenses of approved make as per tender Document issued by DULB dated 15.02.17 complete in all respect including making connection and erection of the same on existing pole/bracket is irrespective of height of pole/mounting height with the cost of all labour and material required to complete the job up to entire satisfaction of Engineer-in-Charge of work.	each
12	NS Item	2 no	Supply & erection & commissioning of three Phase Indo Asian make Timelite-65A 3 pole/230V-or equivalent model of AMSON make Astronomical Time Switch automatic timer on/Off system complete in all respect, wiring & component fitting. The job includes all material labour, erection, testing & commissioning at site up to the entire satisfaction of Engineer-in-Charge	Each

BOQ for P/F of 31 no New Street Light point along with laying of street light line From Teli Majra to Hunde wala Farm W.No. 1 Jag.

Say Rs 3.00 Lacs

HSR ITEM

Sr No	HSR/ App. Item	Qty	Description of item	Unit	Rate +Premium (In Rs.)	Amount
1	HSR 31.30 VI(i)	27	Supply & Erection of 9 Mtr long PCC Pole 105 mm x 115 mm at top and 105x315 mm at bottom with working load of 200 kg Buried 1.8 mm in ground complete with digging and refilling of pit	Each	3067.3	82817.00
2	31.26 (v)	1100 Mtrs	Supply & Erection of PVC2 core Al cable loose/ pole to pole twisted with earth wire complete with making loops for connection of street light fitting. 16 mm 2 core unarmed of PWD approved make.	Per Mtrs	63.12	69432.00

3	HSR 31.12 (a) c (ii)	1 No.	S/E of moulded case circuit breaker on wall or on existing pedestal including bonding to earth and necessary connections and PWD Approved make. (i)100 amp to 220 amp 3 phase.	each		6794.00
					6793.6	

NS ITEM

Sr. No	HSR/ NS Item	Qty.	Description of item	Unit
4	NS	80 kg	Supply & Erection of GI earth wire 10 SWG Twisting with PVC wire pole to pole.	Per Kg
5	NS	31 nos	Supply & Erection of shekle insulator along with net & Bolt as per site requirement.	Each
6	NS	31 nos	Supply & Erection of GI bracket pipe made of 1.5 inch dia pipe 2'x1' Welded at 135 degree as per required design and drawing.	Each
7	NS	62 nos	Supply & Erection of MS clumps made of 40 mm x 6 mm flat as per drawing including welding making holes along with nut & bolts of required & length.	Each
8	NS	31 nos	Supply & Erection of road lighting luminaries 25 watt with pressure die cast housing with epoxy power coated dark graphite grey colour finish. Prismatic polycarbonate cover with individual LED lenses of approved make as per tender document issued by DULB dated 15.02.17 including making connection and erection of the same on existing pole/bracket is irrespective of height of pole/mounting height with the cost of all labour and material required to complete the job with all respect.	Each

9	NS	120 nos	Supply & Erection of PVC 2 core AL wire 2.5 mm 2 completed with making necessary connections with main street light line.	Each
10	NS	1 no	S/E of Penal Box made of MS Sheet 20 SWG Gauge 19" length 14" Breathe x10" deep along with clump for fitting on pole complete with clump for fitting on pole complete with powder coated.	Each

**BOQ for P/F of 42 no New Street Light point along with laying of street light line in Vill. Jarodi W.No. 2 Jag.
Say Rs 3.16 Lacs**

HSR ITEM

Sr No	HSR/ App. Item	Qty	Description of item	Unit	Rate+ Premium in%	Amount
1	HSR 31.30 VI(i)	8	Supply & Erection of 9 Mtr long PCC Pole 105 mm x 115 mm at top and 105x315 mm at bottom with working load of 200 kg Buried 1.8 mm in ground complete with digging and refilling of pit	Each	3067.3	24538.00
2	31.26 (v)	1600 Mtrs	Supply & Erection of PVC2 core Al cable loose/ pole to pole twisted with earth wire complete with making loops for connection of street light fitting. 16 mm 2 core unarmed of PWD approved make.	Per Mtrs	63.12	100992.00
3	HSR 31.12 (a) c (ii)	1 No.	S/E of moulded case circuit breaker on wall or on existing pedestal including bonding to earth and necessary connections and PWD Approved make. (i)100 amp to 220 amp 3 phase.	each	6369	6794.00

NS ITEM

Sr. No	HSR/ NS Item	Qty.	Description of item	Unit
4	NS	100 kg	Supply & Erection of GI earth wire 10 SWG Twisting with PVC wire pole to pole.	Per Kg
5	NS	42 nos	Supply & Erection of shekle insulator along with net & Bolt as per site requirement.	Each
6	NS	42 nos	Supply & Erection of GI bracket pipe made of 1.5 inch dia pipe 2'x1' Welded at 135 degree as per required design and drawing.	Each
7	NS	84 nos	Supply & Erection of MS clumps made of 40 mm x 6 mm flat as per drawing including welding making holes along with nut & bolts of required & length.	Each
8	NS	42 nos	Supply & Erection of road lighting luminaries 25 watt with pressure die cast housing with epoxy power coated dark graphite grey colour finish. Prismatic polycarbonate cover with individual LED lenses of approved make as per tender document issued by DULB dated 15.02.17 including making connection and erection of the same on existing pole/bracket is irrespective of height of pole/mounting height with the cost of all labour and material required to complete the job with all respect.	Each
9	NS	160 nos	Supply & Erection of PVC 2 core AL wire 2.5 mm 2 completed with making necessary connections with main street light line.	Each

10	NS	1 no	S/E of Penal Box made of MS Sheet 20 SWG Gauge 19" length 14" Breathe x10" deep along with clump for fitting on pole complete with clump for fitting on pole complete with powder coated.	Each
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BOQ for Providing & Fixing of (1No.) 9 Mtr. Mini High Mast Shadipur Road, Police Naka Ward No. 12 Yamunanagar.**Estimate 0.90 Lac****HSR ITEM**

Sr. No.	HSR/ N.S. Item	Description	Unit	Rate +Premium (In Rs.)	Amount (In Rs.)
1	31.9 (ii) (d)	S/E of PVC copper insulated and sheathed 3 Core circular flexible Size 1.5mm.	50 Mtr.	23.69	1184.50
2	31.68	Supply & Erection of Hot Dip Galvanized octagonal pole of 3mm thickness, with base plate including cost of nut and bolts and all foundation accessories etc. The foundation bolts as per manufacture including cost of foundation accessories etc. The Foundation bolts as per manufacturer design should be hot dipped galvanized pole complete with door locking arrangement. Terminal plate consisting of 2 Nos. 100 A, 4 pole natural links including connection etc. with suitable connecting arrangement for 2 No. MCBs/kit including cost of R.C.C. 1:1 5:3 for foundation of size 0.7Mx0.7 x 1.8 M with minimum 8No. 12 mm dia longitudinal MS reinforcement rods with rings o 8mm dia not more than 200mm C.C for fixing the pole with all labour & material required to complete the job in all respect up to the entire satisfaction of Engineer -in-Charge of the work. 9 Mtr Long pole with top dia 70 mm and bottom dia 155 mm with base plate of size 260x260 x16 mm	1Nos	17470	17470.00
3	31.67	S/E of mark double walled corrugated (DWC)			

		HDPE Pipe laid one meter below ground level including all digging refilling of earth including cost of suitable size of socket/cuppler for HDPE pipe including cost of labour and material required to complete the job in all respect to the entire satisfaction of Engineer in Charge of the work. (i) HDPE pipe 63/50 mm outer dia/inner dia.	50 mtr.	95	4750.00
4	31.12 (a) (Viii)	S/E of metal clad switches /B.D.B's with rag bolts on wall or on existing angle iron board / pedestal including bonding to earth and necessary connections:- Triple pole switch 32 amps 415volts	1 no.	1020	1020.00
5	31.17 (b)	S/E of miniature circuit breaker/isolator 240/215 v in exiting distribution board including making necessary connection B(i)I isolator 40 amp	1 no.	309.4	309.40
6	31.33 (i)	S/E of Godrej Almirah type M.S. Pedestal made of 50x50x 6mm angle iron frame with 3.00mm thick M.S. Sheet covering including shutters with suitable hinges and locking arrangement with Godrej type handle including round bars. The top covering should have downward overhang of 75mm on all 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 paint and			

		<p>primary coat and it's legs are embedded upto the entire depth in 1:2:4 cement concrete block, projected 75mm all around the pedestal and 200mm above the ground level including the cost of all labour and material required to complete the job in all respect upto the entire satisfaction of Engineer-in-Charge.</p> <p>M.S. Pedestal of 600mm wide, 750mm high and 300 mm deep and bottom totally open, duly embedded in cement concrete block of size 750mm x 450mmx200mm above ground level duly plastered with 12mm thick 1:4 cement plaster, having a base of size 900mm x 600mm x 250mm below ground level.</p>	1No.	4207	4207.00
7	31.22	i)Earthing with GI pipe 4.5 meter Long & 40mm dia with enclosures & top etc.	2 Nos	1701	3402.00
		ii)Extra for using salt & charcoal /coke for the pipe earth	2 Nos	562.5	1125.00
		iii)Supply & Laying of 6 mm GI wire 0.5 meter below ground level.	10 Mtrs	15.75	157.50
8	31.26 XL	S/E of underground cable loose in existing pipe complete with necessary connection 10 sqm 4 core cable armored.	60 meter	79.92	4795.20

NS ITEM

Sr. No	HSR/ NS Item	Description of item	Qty.	Unit
9	NS	Supply and erection of LED integral flood light luminaries 72 watts comprising of epoxy powder coated hsg enclosed with Glass cover in frame 72 Watt suitable for 40mm OD pipe. Ingress protection 65/66 minimum of Crompton greaves model LSFN-72 CDL or equivalent modal Bajaj/Philips/Havells make.	4 Nos	Each
10	N.S. Item	Supply & Erection & commissioning of Single Phase AMSON's make or L&T make automatic timer On/Off the Street light with censer system on street light, of pedestal, in the pillar/Wall wiring connection on/off contractor 25Amp rectifier system, switching system backlight connecter 30 Amp auto/ manual system fiber sheet and plastic component wiring and component fittings include all material labour testing and commissioning at site complete in all respect.	1 No.	Each
11	N.S .Item	Supply & Erection of as per site requirement bracket made of GI pipe 40 mm dia with making arrangement on top of pole and suitable for fixing of 4 nos flood lights on the top of 70mm dia octagonal pole as per standard design.	1No.	Each

BOQ for P/F of 46 no New Street Light point along with laying of street light line in Aatam Nagar and Vishnu Garden B-Block Jag.

Say Rs 4.04 Lacs

Sr No	HSR/ App. Item	Qty	Description of item	Unit	Rate+ Premium in %	Amount
1	HSR 31.30 VI(i)	25 nos	Supply & Erection of 9 Mtr long PCC Pole 105 mm x 115 mm at top and 105x315 mm at bottom with working load of 200 kg Buried 1.8 mm in ground complete with digging and refilling of pit	Each	3067.3	76682.50
2	31.26 (v)	1800 Mtrs	Supply & Erection of PVC2 core Al cable loose/ pole to pole twisted with earth wire complete with making loops for connection of street light fitting. 16 mm 2 core unarmed of PWD approved make.	Per Mtrs	63.12	113616.00
3	HSR 31.12 (a) c (ii)	2 Nos	S/E of moulded case circuit breaker on wall or on existing pedestal including bonding to earth and necessary connections and PWD Approved make. (i)100 amp to 220 amp 3 phase.	each	6793.6	13587.00

NS ITEM

Sr. No	HSR/ NS Item	Description of item	Qty	Rate
4	NS	Supply & Erection of GI earth wire 10 SWG Twisting with PVC wire pole to pole.	100 Kg	Per kg
5	NS	Supply & Erection of shekle insulator along with net & Bolt as per site requirement.	46 nos	Each
6	NS	Supply & Erection of GI bracket pipe made of 1.5 inch dia pipe 2'x1' Welded at 135 degree as per required design and drawing.	46 nos	Each
7	NS	Supply & Erection of MS clumps made of 40 mm x 6 mm flat as per drawing including welding making holes along with nut & bolts of required & length.	92 nos	Each
8	NS	Supply & Erection of road lighting luminaries 25 watt with pressure die cast housing with epoxy power coated dark graphite grey colour finish. Prismatic polycarbonate cover with individual LED lenses of approved make as per tender document issued by DULB dated 15.02.17 including making connection and erection of the same on existing pole/bracket is irrespective of height of pole/mounting height with the cost of all labour and material required to complete the job with all respect.	46 nos	Each
9	NS	Supply & Erection of PVC 2 core AL wire 2.5 mm 2 completed with making necessary connections with main street light line.	180 nos	each

10	NS	S/E of Penal Box made of MS Sheet 20 SWG Gauge 19" length 14" Breathe x10" deep along with clump for fitting on pole complete with clump for fitting on pole complete with powder coated.	2 nos	each
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BOQ for Providing and fixing of LED Light at various places in Tilak Nagar, Parhalad Puri, Krishna colony

& Ranjeet Garden W/No. 19 Ynr.

Says Rs 4.50 Lacs

Sr No	HSR/ App. Item	Qty	Description of item	Unit	Rate+ Premium in %	Amount
1	HSR 31.30 VI(i)	10 nos	Supply & Erection of 9 Mtr long PCC Pole 105 mm x 115 mm at top and 105x315 mm at bottom with working load of 200 kg Buried 1.8 mm in ground complete with digging and refilling of pit	Each	829.00	30673.00
2	31.26 (v)	1000 Mtrs	Supply & Erection of PVC2 core Al cable loose/ pole to pole twisted with earth wire complete with making loops for connection of street light fitting. 16 mm 2 core unarmred of PWD approved make.	Per Mtrs	26.30	63120.00
3	HSR 31.12 (a) c (ii)	3 Nos	S/E of moulded case circuit breaker on wall or on existing pedestal including bonding to earth and necessary connections and PWD Approved make. (i)100 amp to 220 amp 3 phase.	Each	6369	19107.00

NS ITEM

Sr. No	HSR/ NS Item	Description of item	Unit	Qty
4	NS	Supply & Erection of GI earth wire 10 SWG Twisting with PVC wire pole to pole.	70 kg	Per Kg
5	NS	Supply & Erection of shekle insulator along with net & Bolt as per site requirement.	50 Nos	Each
6	NS	Supply & Erection of GI bracket pipe made of 1.5 inch dia pipe 2'x1' Welded at 135 degree as per required design and drawing.	100 nos	Each
7	NS	Supply & Erection of MS clumps made of 40 mm x 6 mm flat as per drawing including welding making holes along with nut & bolts of required & length.	150 nos	Each
8	NS	Supply & Erection of road lighting luminaries 25 watts with pressure die cast housing with epoxy power coated dark graphite grey colour finish. Prismatic polycarbonate cover with individual LED lenses of approved make as per tender document issued by DULB dated 15.02.17 including making connection and erection of the same on existing pole/bracket is irrespective of height of pole/mounting height with the cost of all labour and material required to complete the job with all respect.	72 nos	Each

9	NS	Supply & Erection of road lighting luminaries 45 watts with pressure die cast housing with epoxy power coated dark graphite grey colour finish. Prismatic polycarbonate cover with individual LED lenses of approved make as per tender document issued by DULB dated 15.02.17 including making connection and erection of the same on existing pole/bracket is irrespective of height of pole/mounting height with the cost of all labour and material required to complete the job with all respect.	10 nos	Each
10	NS	Supply & Erection of PVC 2 core AL wire 2.5 mm 2 completed with making necessary connections with main street light line.	300 nos	Each

BOQ for P/F of 9 meter Mini High Mast lights (LED) in Shiv Mandir Park Professor Colony Ynr.**Says 0.85 Lac****HSR ITEM**

Sr. No.	HSR/ N.S. Item	Description	Unit	Rate +Premium (In Rs.)	Amount (In Rs.)
1	31.9 (ii) (d)	S/E of PVC copper insulated and sheathed 3 Core circular flexible Size 1.5mm.	50 Mtr.	23.69	1184.00
2	31.68	Supply & Erection of Hot Dip Galvanized octagonal pole of 3mm thickness, with base plate including cost of nut and bolts and all foundation accessories etc. The foundation bolts as per manufacture including cost of foundation accessories etc. The Foundation bolts as per manufacturer design should be hot dipped galvanized pole complete with door locking arrangement. Terminal plate consisting of 2 Nos. 100 A, 4 pole natural links including connection etc. with suitable connecting arrangement for 2 No. MCBs/kit including cost of R.C.C. 1:1 5:3 for foundation of size 0.7 Mx0.7 x 1.8 M with minimum 8No. 12 mm dia longitudinal MS reinforcement rods with rings of 8mm dia not more than 200mm C.C for fixing the pole with all labour & material required to complete the job in all respect up to the entire satisfaction of Engineer -in-Charge of the work. 9 Mtr Long pole with top dia 70 mm and bottom dia 155 mm with base plate of size 260x260 x16 mm	1Nos	17470	17470.00

3	31.67	S/E of mark double walled corrugated (DWC) HDPE Pipe laid one meter below ground level including all digging refilling of earth including cost of suitable size of socket/cuppler for HDPE pipe including cost of labour and material required to complete the job in all respect to the entire satisfaction of Engineer in Charge of the work. (i) HDPE pipe 63/50 mm outer dia/inner dia.	50 mtr.	95	4750.00
4	31.12 (a) (Viii)	S/E of metal clad switches /B.D.B's with rag bolts on wall or on existing angle iron board / pedestal including bonding to earth and necessary connections: Double pole switch 63 amps 415volts	1 no.	1488	1488.00
5	HSR 31.12 c (i)	S/E of moulded case circuit breaker on wall or on existing pedestal including bonding to earth and necessary connections and PWD Approved make. (i) 100 amp to 220 amp 3 phase.	1 No	2889	2889.00
6	31.17 (b)	S/E of miniature circuit breaker/isolator 240/215 v in exiting distribution board including making necessary connection B(i)I isolator 40 amp	1 no.	309.4	309.40
7	31.33 (i)	S/E of Godrej Almirah type M.S. Pedestal made of 50x50x 6mm angle iron frame with 3.00mm thick M.S. Sheet covering including shutters with suitable hinges and locking arrangement with Godrej type handle including round bars. The top covering should have downward overhang of 75mm on all 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			

		<p>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 paint and primary coat and it's legs are embedded upto the entire depth in 1:2:4 cement concrete block, projected 75mm all around the pedestal and 200mm above the ground level including the cost of all labour and material required to complete the job in all respect upto the entire satisfaction of Engineer-in-Charge.</p> <p>M.S. Pedestal of 600mm wide, 750mm high and 300 mm deep and bottom totally open, duly embedded in cement concrete block of size 750mm x 450mmx200mm above ground level duly plastered with 12mm thick 1:4 cement plaster, having a base of size 900mm x 600mm x 250mm below ground level.</p>	1No.	4207	4207.00
8	31.22	i)Earthing with GI pipe 4.5 meter Long & 40mm dia with enclosures & top etc.	2 Nos	1701	3402.00
		ii)Extra for using salt & charcoal /coke for the pipe earth	2 Nos	562.5	1125.00
		iii)Supply & Laying of 6 mm GI wire 0.5 meter below ground level.	10 Mtrs	15.75	157.00
9	31.26 XL	S/E of underground cable loose in existing pipe complete with necessary connection 10 sqm 4 core cable armored.	50 meter	112.32	5616.00

NS ITEM

Sr. No	HSR/ NS Item	Description of item	Qty	Rate
10	NS	Supply and erection of LED integral flood light luminaries 72 watts comprising of epoxy powder coated hsg enclosed with Glass cover in frame 72 Watt suitable for 40mm OD pipe. Ingress protection 65/66 minimum of approved make as per tender document issued by DULB Dated 15.02.17 complete in all respect.	4 No	Each
11	N.S Item	Supply & Erection of squire/round bracket made of GI pipe 40 mm dia with making arrangement on top of pole and suitable for fixing of 4 nos flood lights on the top of 70mm dia octagonal pole as per standard design.	1 No.	Each

BOQ for Providing and fixing 50 nos. LED street light points and laying of street light line on main Road Vill. Raipur Chowk to Vill Pansara W.No 12 Yamunanagar.

Estimate cost:- 5.82 Lac

HSR ITEM

Sr No	HSR/ App. Item	Qty	Description of item	Unit	Rate	Amount
1	HSR 31.30 VI(i)	38	Supply & Erection of 9 Mtr long PCC Pole 105 mm x 115 mm at top and 105x315 mm at bottom with working load of 200 kg Buried 1.8 mm in ground complete with digging and refilling of pit	Each	3067.3	116557.00
2	31.26 (v)	2000 Mtr	Supply & Erection of PVC2 core Al cable loose/pole to pole twisted with earth wire complete with making loops for connection of streetlight fitting. 16 mm 2 core unarmred of PWD approved make .	Per Mtrs	63.12	126240.00
3	HSR 31.12 (a) c (ii)	1 no	S/E of moulded case circuit breaker on wall or on existing pedestal including bonding to earth and necessary connections and PWD Approved make. (i)100 amp to 220 amp 3 phase.	Each	6369	6369.00

NS ITEM

Sr. No	HSR/ NS Item	Qty	Description of item	Rate
4.	NS	150 kg	Supply & Erection of GI earth wire 10 SWG Twisting with PVC wire pole to pole including the cost of bends.	Per Kg
5.	NS	50 Nos	Supply & Erection of Shekle insulator along with net & Bolt as per site requirement.	each

6.	NS	50 Nos	Supply & Erection of GI bracket pipe made of 2 inch dia pipe 2'x1' Welded at 135 degree as per required design and drawing.	each
7.	NS	100 Nos	Supply & Erection of MS clumps made of 40 mm x 5 mm flat as per drawing including welding making holes along with nut & bolts of required & length.	each
8.	NS	50 nos	Supply & Erection of road lighting luminaries 45 watts with pressure die cast housing with epoxy power coated dark graphite grey colour finish. Prismatic polycarbonate cover with individual LED lenses of approved make as per tender document issued by DULB dated 15.02.17 including making connection and erection of the same on existing pole/bracket is irrespective of height of pole/mounting height with the cost of all labour and material required to complete the job with all respect.	each
9	NS	250 Mtrs	S/E of PVC 2 core Aluminum wire 2.5 mm 2 completed with necessary connection with main street light line.	Per mtr
10	NS	1 no	S/E of Penal Box made of MS Sheet 20 SWG Gauge 19" length 14" Breathe x10" deep along with clump for fitting on pole complete with clump for fitting on pole complete with powder coated.	Each

BOQ for Providing and fixing of 9 meter Mini High Mast lights (LED) in Vatika Park Professor Colony Ynr.**Says 0.82 Lac****HSR ITEM**

Sr. No.	HSR/ N.S. Item	Description	Unit	Rate +Premium (In Rs.)	Amount (In Rs.)
1	31.9 (ii) (d)	S/E of PVC copper insulated and sheathed 3 Core circular flexible Size 1.5mm.	50 Mtr.	23.69	1184.50
2	31.68	Supply & Erection of Hot Dip Galvanized octagonal pole of 3mm thickness, with base plate including cost of nut and bolts and all foundation accessories etc. The foundation bolts as per manufacture including cost of foundation accessories etc. The Foundation bolts as per manufacturer design should be hot dipped galvanized pole complete with door locking arrangement. Terminal plate consisting of 2 Nos. 100 A, 4 pole natural links including connection etc. with suitable connecting arrangement for 2 No. MCBs/kit including cost of R.C.C. 1:1 5:3 for foundation of size 0.7 Mx0.7 x 1.8 M with minimum 8No. 12 mm dia longitudinal MS reinforcement rods with rings of 8mm dia not more than 200mm C.C for fixing the pole with all labour & material required to complete the job in all respect up to the entire satisfaction of Engineer	1 Nos	17470/-	17470.00

		-in-Charge of the work. 9 Mtr Long pole with top dia 70 mm and bottom dia 155 mm with base plate of size 260x260 x16 mm			
3	31.67	S/E of mark double walled corrugated (DWC) HDPE Pipe laid one meter below ground level including all digging refilling of earth including cost of suitable size of socket/cuppler for HDPE pipe including cost of labour and material required to complete the job in all respect to the entire satisfaction of Engineer in Charge of the work. (i) HDPE pipe 63/50 mm outer dia/inner dia.	50 mtr.	95/-	4750.00
4	31.12 (a) (Viii)	S/E of metal clad switches /B.D.B's with rag bolts on wall or on existing angle iron board / pedestal including bonding to earth and necessary connections: Double pole switch 63 amps 415volts	1 no.	1488	1488.00
5	31.17 (b)	S/E of miniature circuit breaker/isolator 240/215 v in exiting distribution board including making necessary connection B(i)l isolator 40 amp	1 no.	309.4	309.40
6	31.33 (i)	S/E of Godrej Almirah type M.S. Pedestal made of 50x50x 6mm angle iron frame with 3.00mm thick M.S. Sheet covering including shutters with suitable hinges and locking arrangement with Godrej type handle including round bars. The top			

		<p>covering should have downward overhang of 75mm on all 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 paint and primary coat and it's legs are embedded upto the entire depth in 1:2:4 cement concrete block, projected 75mm all around the pedestal and 200mm above the ground level including the cost of all labour and material required to complete the job in all respect upto the entire satisfaction of Engineer-in-Charge.</p> <p>M.S. Pedestal of 600mm wide, 750mm high and 300 mm deep and bottom totally open, duly embedded in cement concrete block of size 750mm x 450mmx200mm above ground level duly plastered with 12mm thick 1:4 cement plaster, having a base of size 900mm x 600mm x 250mm below ground level.</p>	1No.	4207	4207.00
7	31.22	i)Earthing with GI pipe 4.5 meter Long & 40mm dia with enclosures & top etc.	2 Nos	1701	3402.00
		ii)Extra for using salt & charcoal /coke for the pipe earth	2 Nos	562.5	1125.00

		iii)Supply & Laying of 6 mm GI wire 0.5 meter below ground level.	10 Mtrs	15.75	157.50
8	31.26 XL	S/E of underground cable loose in existing pipe complete with necessary connection 10 sqm 4 core cable armored.	50 meter	112.32	5616.00

NS ITEM

Sr. No	HSR/ NS Item	Description of item	Qty.	Rate
9	NS	Supply and erection of LED integral flood light luminaries 72 watts comprising of epoxy powder coated hsg enclosed with Glass cover in frame 72 Watt suitable for 40mm OD pipe. Ingress protection 65/66 minimum of approved make as per tender document issued by DULB Dated 15.02.17 complete in all respect.	4 Nos	Each
10	N.S Item	Supply & Erection of square/round bracket made of GI pipe 40 mm dia with making arrangement on top of pole and suitable for fixing of 4 nos flood lights on the top of 70mm dia octagonal pole as per standard design.	1 No.	Each

BOQ for P/F of 283 nos New Street Light point along with laying of street light line in Raipur, Kami Majra, Area W.No. 12 Ynr.

Estimate cost:- 24.97 Lac

HSR ITEM

Sr No	HSR/ App. Item	Qty	Description of item	Unit	Rate+prelim in %	Amount
1	HSR 31.30 VI(i)	137	Supply & Erection of 9 Mtr long PCC Pole 105 mm x 115 mm at top and 105x315 mm at bottom with working load of 200 kg Buried 1.8 mm in ground complete with digging and refilling of pit	Each	3067.3	420220.00
2	31.26 (v)	11000 Mtrs	Supply & Erection of PVC2 core Al cable loose/ pole to pole twisted with earth wire complete with making loops for connection of street light fitting. 16 mm 2 core unarmed of PWD approved make.	Per Mtrs	63.12	694320.00
3	HSR 31.12 (a) c (ii)	6 No.	S/E of moulded case circuit breaker on wall or on existing pedestal including bonding to earth and necessary connections and PWD Approved make. (i)100 amp to 220 amp 3 phase.	EACH	6369	38214.00

NS ITEM

Sr. No	HSR/ NS Item	Qty.	Description of item	Rate
4	NS	1000 kg	Supply & Erection of GI earth wire 10 SWG Twisting with PVC wire pole to pole.	Per Kg
5	NS	283 nos	Supply & Erection of shekle insulator along with net & Bolt as per site requirement.	Each
6	NS	208 nos	Supply & Erection of GI bracket pipe made of 1.5 inch dia pipe 2'x1' Welded at 135 degree as per required design and drawing.	Each
7	NS	75 nos	Supply & Erection of GI bracket pipe made of 2 inch dia pipe 2'x1' Welded at 135 degree as per required design and drawing.	Each
8	NS	283 nos	Supply & Erection of MS clumps made of 40 mm x 6 mm flat as per drawing including welding making holes along with nut & bolts of required & length.	Each
9	NS	208 nos	Supply & Erection of road lighting luminaries 25 watt with pressure die cast housing with epoxy power coated dark graphite grey colour finish. Prismatic polycarbonate cover with individual LED lenses of approved make as per tender document issued by DULB dated 15.02.17 including making connection and erection of the same on existing pole/bracket is irrespective of height of pole/mounting height with the cost of all labour and material required to complete the job with all respect.	Each
10	NS	75 nos	Supply & Erection of road lighting luminaries 45 watt with pressure die cast housing with epoxy power coated dark graphite grey colour finish. Prismatic polycarbonate cover with individual LED lenses of approved make as per tender document issued by DULB dated 15.02.17 including making connection and erection of the same on existing pole/bracket is irrespective of height of pole/mounting height with the cost of all labour	Each

			and material required to complete the job with all respect.	
11	NS	1400 mtr	Supply & Erection of PVC 2 core AL wire 2.5 mm 2 completed with making necessary connections with main street light line.	Per mtr
12	NS	6 nos	S/E of Penal Box made of MS Sheet 20 SWG Gauge 19" length 14" Breathe x10" deep along with clump for fitting on pole complete with clump for fitting on pole complete with powder coated.	Each

BOQ for Providing and fixing of LED Light on main road Timber Market old Hamida W/No. 13 Ynr.

Estimate cost 2.04 Lacs

HSR ITEM

Sr No	HSR/ App. Item	Qty	Description of item	Unit	Rate+ Premium in%	Amount
1	HSR 31.30 VI(i)	15 nos	Supply & Erection of 9 Mtr long PCC Pole 105 mm x 115 mm at top and 105x315 mm at bottom with working load of 200 kg Buried 1.8 mm in ground complete with digging and refilling of pit	Each	3067.3	46010
2	31.26 (v)	900 Mtrs	Supply & Erection of PVC2 core Al cable loose/ pole to pole twisted with earth wire complete with making loops for connection of street light fitting. 16 mm 2 core unarmed of PWD approved make.	Per Mtrs	63.12	56808
3	HSR 31.12 (a) c (ii)	1 No.	S/E of moulded case circuit breaker on wall or on existing pedestal including bonding to earth and necessary connections and PWD Approved make. (i)15 amp to 60 amp 3 phase.	Each	2889	2889

NS ITEM

Sr. No	HSR/ NS Item	Qty.	Description of item	Rate
3	NS	60 kg	Supply & Erection of GI earth wire 10 SWG Twisting with PVC wire pole to pole.	Per Kg
4	NS	20 nos	Supply & Erection of shekle insulator along with net & Bolt as per site requirement.	Each
5	NS	15 nos	Supply & Erection of GI bracket pipe made of 1.5 inch dia pipe 2'x1' Welded at 135 degree as per required design and drawing.	Each
6	NS	30 nos	Supply & Erection of MS clumps made of 40 mm x 6 mm flat as per drawing including welding making holes along with nut & bolts of required & length.	Each
7	NS	15 nos	Supply & Erection of road lighting luminaries 45 watts with pressure die cast housing with epoxy power coated dark graphite grey colour finish. Prismatic polycarbonate cover with individual LED lenses of approved make as per tender document issued by DULB dated 15.02.17 including making connection and erection of the same on existing pole/bracket is irrespective of height of pole/mounting height with the cost of all labour and material required to complete the job with all respect.	Each
8	NS	50 nos	Supply & Erection of PVC 2 core AL wire 2.5 mm 2 completed with making necessary connections with main street light line.	Each

BOQ for P/F of 9 meter 2 Nos Mini High Mast lights (LED) in Hanuman Park Green Belt Sarojini colony ward no. 19 Ynr.

Estimated cost:- 2.00 lac

HSR ITEM

Sr. No.	HSR/ N.S. Item	Description	Qty.	Unit	Rate +Premium (In Rs.)	Amount (In Rs.)
1	31.9 (ii) (d)	S/E of PVC copper insulated and sheathed 3 Core circular flexible Size 1.5mm.	100 mtr	Per mtr	23.69	2368.00
2	31.68	Supply & Erection of Hot Dip Galvanized octagonal pole of 3mm thickness, with base plate including cost of nut and bolts and all foundation accessories etc. The foundation bolts as per manufacture including cost of foundation accessories etc. The Foundation bolts as per manufacturer design should be hot dipped galvanized pole complete with door locking arrangement. Terminal plate consisting of 2 Nos. 100 A, 4 pole natural links including connection etc. with suitable connecting arrangement for 2 No. MCBs/kit including cost of R.C.C. 1:1 5:3 for foundation of size 0.7 Mx0.7 x 1.8 M with minimum 8No. 12 mm dia longitudinal MS reinforcement rods with rings of 8mm dia not more than 200mm C.C for fixing the pole with all labour & material required to complete the job in all respect up to the entire satisfaction of Engineer -in-Charge of the work.	2 nos	each	17470/-	34940.00

		9 Mtr Long pole with top dia 70 mm and bottom dia 155 mm with base plate of size 260x260 x16 mm				
3	31.67	S/E of mark double walled corrugated (DWC) HDPE Pipe laid one meter below ground level including all digging refilling of earth including cost of suitable size of socket/cuppler for HDPE pipe including cost of labour and material required to complete the job in all respect to the entire satisfaction of Engineer in Charge of the work. (i) HDPE pipe 63/50 mm outer dia/inner dia.	50 mtr.	Per mtr	95/-	4750.00
4	HSR 31.12 c (i)	S/E of moulded case circuit breaker on wall or on existing pedestal including bonding to earth and necessary connections and PWD Approved make. (i)15 amp to 60 amp 3 phase.	2 Nos	each	2889	5778
5	31.17 (b)	S/E of miniature circuit breaker/isolator 240/215 v in exiting distribution board including making necessary connection B(i)I isolator 40 amp	2 Nos	each	309.4	618.00
6	31.33 (i)	S/E of Godrej Almirah type M.S. Pedestal made of 50x50x 6mm angle iron frame with 3.00mm thick M.S. Sheet covering including shutters with suitable hinges and locking arrangement with Godrej type handle including round bars. The top covering should have downward overhang of 75mm on all 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	2 No.	each	4207	8414.00

		<p>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 paint and primary coat and it's legs are embedded upto the entire depth in 1:2:4 cement concrete block, projected 75mm all around the pedestal and 200mm above the ground level including the cost of all labour and material required to complete the job in all respect upto the entire satisfaction of Engineer-in-Charge.</p> <p>M.S. Pedestal of 600mm wide, 750mm high and 300 mm deep and bottom totally open, duly embedded in cement concrete block of size 750mm x 450mmx200mm above ground level duly plastered with 12mm thick 1:4 cement plaster, having a base of size 900mm x 600mm x 250mm below ground level.</p>				
7	31.22	i) Earthing with GI pipe 4.5 meter Long & 40mm dia with enclosures & top etc.	3 Nos	each	1701	5103.00
		ii)Extra for using salt & charcoal /coke for the pipe earth	3 Nos	each	562.5	1687.50
		iii)Supply & Laying of 6 mm GI wire 0.5 meter below ground level.	15 Mtrs	Per mtr	15.75	236.25
8	31.26 XL	S/E of underground cable loose in existing pipe complete with necessary connection 10 sqm 4 core cable armored.	60 meter	Per mtr	79.92	4795.20

NS ITEM

Sr. No	HSR/ NS Item	Description of item	Qty.	Rate
9	NS	Supply and erection of LED integral flood light luminaries 72 watts comprising of epoxy powder coated hsg enclosed with Glass cover in frame 72 Watt suitable for 40mm OD pipe. Ingress protection 65/66 minimum of approved make as per tender document issued by DULB Dated 15.02.17 complete in all respect.	8 Nos	Each
10	N.S	Supply & Erection of squire/round bracket made of GI pipe 40 mm dia with making arrangement on top of pole and suitable for fixing of 4 nos flood lights on the top of 70mm dia octagonal pole as per standard design.	2 Nos	Each
11	NS	Supply & Erection of GI bracket pipe made of 1.5 inch dia pipe 2'x1' Welded at 135 degree as per required design and drawing.	4 nos	Each
12	NS	Supply & Erection of MS clumps made of 40 mm x 5 mm flat complete with nut & Bolt as standard design.	8 nos	Each
13	NS	Supply & Erection of road lighting luminaries 60 watts with pressure die cast housing with epoxy power coated dark graphite grey colour finish. Prismatic polycarbonate cover with individual LED lenses of approved make as per tender document issued by DULB dated 15.02.17 including making connection and erection of the same on existing pole/bracket is irrespective of height of pole/mounting height with the cost of all labour and material required to complete the job with all respect.	4 nos	Each

14	NS	Supply & Erection of PVC 2 core cable 4 mm ² completed with making necessary connections with main street light line.	100 Nos	Each
15	N.S. Item	Supply & Erection & commissioning of Single Phase AMSON's make or L&T make automatic timer On/Off the Street light with censer system on street light, of pedestal, in the pillar/Wall wiring connection on/off contractor 25Amp rectifier system, switching system backlight connecter 30 Amp auto/ manual system fibber sheet and plastic component wiring and component fittings include all material labour testing and commissioning at site complete in all respect.	1 No.	Each

CORRIGENDUM

Extension in Tender submission date for 12 No. Electrical Work

The submission date for the bids of tender, advertised in Newspaper for 12 No. Electrical works in various areas of Yamunanagar-Jagadhri has been extended upto Dated 23.11.2017 (3:00 PM). Technical Bid for the received tenders shall be opened on Dated 24.11.2017 (3:00 PM) and Financial bid shall be opened on Dated 24.11.2017 (5:00 PM).

All other Terms & Conditions for the bid shall remain the same.

Municipal Engineer (Elect),
Municipal Corporation
Yamuna Nagar-Jagadhri.

Terms and Conditions: -

1. Conditional Tender and tenders without earnest money are likely to be rejected.
2. Interested bidders can download the tender document online from website <http://www.etenders.hry.nic.in>.
3. The Commissioner, Municipal Corporation/Council Yamunanagar-Jagadhri, reserves the right to reject or accept any tender in full or part even without assigning any reason.
4. The agency has to do the work strictly as per PWD specification and further during the inspection of work/testing at any time in future by any Govt. Department/agency, if any deficiency in the work is noticed the agency "personally" will be responsible. The agency is liable to pay for any recovery if found against agency due to deficiency in the work executed by that agency. Moreover the agency will bear the loses personally without any excuses.
6. In case of any dispute the orders of worthy Commissioner, Municipal Corporation Yamunanagar-Jagadhri, will be final.
7. The final payment of agency will be made after receiving the satisfactory quality testing report and inspection of monitoring committee.
8. The quantity of work can be increased /decreased.
9. If at the time of submission of E-tenders, any error occurs due to technical reason of the website Municipal Corporation Yamunanagar-Jagadhri, will not be responsible.
10. Agencies should note that online tenders will be only submitted at the afore said website <http://www.etenders.hry.nic.in> as per the detail/instructions uploaded therein.
11. Further information can be obtained and scheduled of quantities, the detailed plans and specifications can be seen in the office during the office hours.
- 12. Tender should be quoted at a percentage above or below for the HSR items, whereas rates for NS item is to be specifically quoted in details of the estimate in the enclosed scheduled. If rate for NS item is not quoted it will be treated as free of cost. The contractor should state the period within which he agrees to carry out the work.**
13. Each Tenderer shall give proof to the entire satisfaction of the Executive Engineer concerned that he has in his possession Haryana P.W.D specification latest edition failing which his tender shall be liable to be rejected.
14. Rate should be quoted in words also, otherwise the tender can be rejected.
15. The successful tenderer shall have to sign an affidavit to the effect that he has no relation or connection with firm contractor blacklisted by Municipal Corporation Yamunanagar-Jagadhri of India, from time to time.
16. The 2% earnest money deposited with the tender will not be returned to the contractor. The same shall be adjusted towards performance guarantee (total 5% of the cost of work) to be deposited by the contractor before start of work. In case 3% performance guarantee is not deposited by the contractor the same shall be deducted from the 1st running bill of the contractor.
17. Sales/Works Tax and Income Tax will be deducted from the bills of contractor as per the instruction of the govt.
18. The quality control tests will be got done by department and the material for such tests will be supplied by the contractor free of cost. In case the material is not found up to the requirement, the same will be rejected. Cost of such tests will also be borne by contractor.
19. The final payment of agency will be made after receiving the sample report from authorized labs. and inspection of monitoring committee.
20. Any items of work not provided in the contract schedule of rates, if required to be executed will be paid as per Haryana PWD Schedule of rates 1988, together with the ceiling premium exhibited in the NIT for various Chapters subject to "premium or discount tendered by the contractor , where the item exist in Haryana PWD schedule of rates, 1988. The Deptt. Reserve the option to take away any item of work of any part thereof at any time during the currency of contractor and re allot to another contractor with due notice to the contractor without liability of compensation.
21. Contractor is required to provide cautionary measurement/sign boards etc. during execution of work, and he is fully responsible for any loss/compensation in case of accident, misshapen at the site of work.
22. The 3rd party inspection will be got done from any of their approved source wherever required by the

- department.
23. The Contractor has to start the work immediately and make an agreement with the Municipal Corporation Yamunanagar-Jagadhri, within a week after receipt of the work order. It is responsibility of the Contractor.
 24. The agency has to complete the work as per specification and within the stipulated time period.
 25. The Contractor will be bound to follow all the conditions written in the tender form MW4, D.N.I.T. and tender notice.
 26. No work will be executed in night hours.
 27. Before starting the work the agency has to provide the samples of all the materials to be used in the execution of the work.
 28. The Executing agency will be held responsible for any fault observed in the work within defect liability period starting from the date of completion of work applicable as mentioned in condition at Sr. No. 31 and the defects will be got rectified by the agency free of cost.
 29. The department reserves full right to cancel the work order or impose a penalty on contractor if the contractor fails to complete the work within stipulated time limit for execution of work as prescribed in tender notice, due to lapse on the part of the contractor. No lame excuses made by the contractor for delay in completion of work will be considered by the department for the granting time extension.
 30. If any dispute or difference of any kind whatsoever shall arise between the MC authorized representative of M.C. and the contractor in connection with or arising out of the contract, or the execution of the work i.e. (i) Whether before its commencement or during the progress of the work or after its completion (ii) And whether before or after the termination, abandonment or breach of the contract it shall in the first instance be referred for being settled by the Executive Engineer in Charge of the work at the time and Engineer In Charge shall within period of Sixty days after being requested in writing made by the contractor to do so convey his decision to the contractor and subject to arbitration as hereinafter provided , such decision in respect of every matter so referred, shall be final and binding upon the contractor. In case the work is already in progress the contractor will proceed with the execution of works on receipt of the decision by the Executive Engineer In Charge aforesaid with all due to diligence whether M.C. or authorized representative of M.C. or contractor requires arbitration as hereinafter provided for , or not if the Executive Engineer in Charge of work has conveyed his decision to the contractor and no claim to arbitration has been filed with him by the contractor within a period of sixty days from the receipt of the letter communicating and will not be subject matter of arbitration at all.
 31. Defect liability period for LED street lights fittings (complete system of LED light including driver), cable, pole, switches, automation if any, connecting wire etc would be 5 years from the date of completion of work.
 32. The contractor shall deposit 3% of the cost of work as performance guarantee (total performance guarantee becomes 5% including 2% earnest money) before start of work. In case 3% performance guarantee is not deposited by the contractor the same shall be deducted from the 1st running bill of the contractor. In addition to performance guarantee, a security deposit of 5% of the work done shall be deducted from all running and final bill of the contractor. The total deduction at the completion of work becomes 10% (5% performance guarantee + 5% security deposit). The 10% amount (5% performance guarantee + 5% security deposit) shall be released to the contractor after 6 months of completion of work against bank guarantee of equal amount which shall be released by the department after the defect liability period of 5 years is over.

Executive Engineer
Municipal Corporation
Yamunanagar-Jagadhri.

Annexure-X

TECHNICAL PARAMETERS OF LED LIGHT FITTING

Sr. No.	Parameters	Value
1.	Input Voltage	90-270 V, AC Standard with cutoff at 300v with automatic on provision. For protection for surge high voltage the provision of auto shut down should be provided
2.	Input Frequency	50 Hz \pm 3%
3.	Power Factor	>0.95
4.	Working Humidity	10% to 90% RH
5.	Working Temperature	-10°C to (+) 50°C
6.	Luminary Efficiency	\geq 100 lumen/watt as per LM 79 data from certified third party testing facility like NABL approved lab.
7.	Optics-Lens Material/Make of lens	High impact polycarbonate (PMMA)/Cathode, Ledlink, Ledil.
8.	Luminary Housing	Power coated pressure die cast aluminum housing with ADC 12 or LM6 alloy and toughened glass cover.
9.	Screws, Fasteners & Clamping material	Stainless steel Grade – 304.
10.	Surge / Spike Protection	5 KV (internal) and 10 KV using external certified surge protector
11.	Make of LED	Lumileds / Cree/Osram/Nichea/Samsung/Seoul or any other equivalent
12.	Color Temperature	5500-6500K
13.	Color rendering index	\geq 70
14.	Life expectancy of the project (LEDs)	Minimum 50000 hrs. with minimum 70% lumen output L70 data to be produced for LEDs and LM79 for Luminaries.
15.	LED Printed Circuit Board	Metal Core Printed Circuit Board. Thermal Conductivity \geq 2W/MK
16.	Class of Power Supply	Class II, LVLE input output isolations (Max 100 VA output)
17.	THD	\leq 10%
18.	Uplight	Zero Uplight as per LM79 report from NABL/Lighting Facts/accredited third party testing facility.
19.	Photometry	LM79 Report from NABL/Lighting Facts accredited lab for all variants.
20.	Lumen depreciation (L-70)	\geq 50,000 hours (as per TM21 using L80 data & INSITU data by LED manufacture LM 80 report)
21.	Ingress Protection	IP65/IP66 as per IEC 60598/IEC 60529 from NABL accredited lab for all LEDs.
22.	Conducted Emission and Radiation	Emission test report from NABL accredited lab conforming limits complying with IEC 61000.
23.	Driver Test	As per BIS
24.	Wattage Variation	\pm 10%
25.	Wattage of LED	1-3 Watt
26.	Pole entry dia	Should be suitable for mounting of 30 to 56mm outer diameter poles with locking bolts / should provide with complete bracket with locking bolt.
27.	LED drive current	<1000mA
28.	Beam angle	80° / 135° with lens
29.	Safety Test	As per IEC 61347 – 2 - 13

