

National Institute of Plant Genome Research
Aruna Asaf Ali Marg, Near ICSSR, JNU Campus, New Delhi – 110067
Phone: 26735161, 26735138 Fax: 26741658

F. No. NIPGR/7/62/Vol.III/

Dated: 13.09.2013

NOTICE INVITING QUOTATIONS

Sealed item rate quotations are invited on behalf of the Director, NIPGR, New Delhi, from approved & eligible contractors in respect of the following work, so as to reach his office on or before 27.09.2013 up to 3.00 P.M. The quotation shall be opened on the same day at 3.30 P.M. in presence of the intending quotationers.

SCHEDULE OF QUANTITY

Name of Work: Providing Street Lighting at backside of newly constructed Housing (Type-III, IV & V) at NIPGR Campus, New Delhi.

Sl. No.	Description	Qty.	UNIT	Rate (in Rs.)	Amount (in Rs.)
	As per enclosed Schedule of Quantity and Terms & Conditions				

Encl.: 1. Schedule of quantity.
2. Terms & conditions.
3. Drawing.

Administrative Officer
NIPGR, New Delhi

M/s _____

Seal & Signature of Contractor

Name of Work:- Providing Street Lighting at backside of newly constructed housing (Type-III, IV & V) in NIPGR Campus , New Delhi					
SCHEDULE OF QUANTITIES					
S.N	Description	Qty	Unit	Rate	Total
1.0	External Lighting :				
1.1	Supply and laying in ground/ pipe including the cost of digging and backfilling with sand and brick protection as required and including testing and commissioning of the following 1100 volt grade armoured XLPE insulated and sheathed aluminium conductor cable with double run of 8 SWG GI earth conductor complete as required and making connections duly soldered and crimped of SWG wire as per specification, drawings, standards & instructions of Engineer in Charge.				
a)	4 core 6 sq. mm XLPE	220	per m		
1.2	Cable jointing/ end termination of the following XLPE insulated and sheathed aluminium conductor cables 1100 volt grade including cost of crimping lugs, compression glands, insulation tape and all requisite material for completion of joints as per standards, specification, drawings & instructions of Engineer in Charge.				
a)	4 core 6 sq mm XLPE	5	each		
2.0	Supply, installation, testing and commissioning of road/ security/ landscape lighting fixtures mounting pole, pole bracket, PCC foundation with plaster finish, control gear/ termination fixture lamp, all control accessories/ termination accessories, internal wiring, painting & two coats of bituminous compounds. Preservatives below ground level etc. for the following as per standard drawing. Specifications and as per the instructions of the Engineer-incharge.				
2.1	Security/road light fixture pole each comprising of :				
a)	Design, fabrication, supplying to site of installation,preparing foundations, installing in position, testing and commissioning of 10.0 M high swaged ERW MS tubular pole (410 SP- 44 of IS 2713) of sections with 165.1 x 4.85 mm thickness x 139.7 x 4.5 mm thickness 114.3 x 3.65 mm thickness & 2 nos. 600 mm length 65 mm dia pole arm (T-Type) 'B' class GI pipe suitable for mounting the fixtures. All fixing arrangement, Pole mounting cap. MS base plate 300 x 300 x 6 mm, 2 nos 10 mm dia GI earthing studs welded to pole 2 nos 50 mm dia PVC pipe as per drawing for cable entry as required. Pole shall be embedded 1800 mm below ground level with 1:2:4 PCC on 150 mm thick 600 mm square base concrete upto 600 mm high above ground level around the pole in level plumb-line & plaster finish including terminal box mounting 100 mm from top of foundation to top of box. Scope shall also include treatment of pole with bituminous preservatives for embedded portion & two coats of silver paint or as approved by the Architects/ Client after two coats of red oxide primer from the balance portion of the pole as per drawings and as required.				

S.N	Description	Qnt	Unit	Rate	Total
b)	Embedded terminal box of size made of 2 mm thick MS CRCA sheet, epoxy painted, complete with front openable cover with waterproof gasket terminal block for incoming/outgoing cables and 10 amp 10 kA SP MCB with neutral link etc.				
		3	per set		
3.0	Supply, installation, testing and commissioning of road/ security/ landscape lighting fixtures of Thorn cat. No. MAFW 400 with Metal Halide 400 watt lamp or Philips cat no. MWF 331 with Metal halide 400 watt lamp or Wipro cat. No. FFH 33400 with Metal halide 400 watt lamp including control gear/termination fixture lamp,accessories etc. complete. Scope shall also include internal wiring with 2.5 sq mm copper conductor PVC insulated stranded wires from terminal box at bottom of pole to fixture	4	each		
				Total Amount	
	[Amount in words:]				
					(Sudhir Patwal)
					Administrative Officer
	Seal & Signature of Contractor				

TERMS & CONDITIONS

Name of Work: - Providing Street Lighting at backside of newly constructed housing (Type-III, IV & V) in NIPGR Campus, New Delhi

1. The site of the work is at NIPGR Campus, Aruna Asaf Ali Marg, New Delhi-110067
2. The quotationer must visit the site before quoting the rates and make himself acquainted with the topography of the site. The Institute shall entertain no extra claim later on
3. The rates are inclusive of Transportation/travelling, lodging/boardings, loading, unloading & handling and nothing extra will be paid.
4. The rates shall be inclusive of VAT, Service Tax, other taxes, octroi, etc., and nothing extra will be paid.
5. The agency shall make own arrangement for the security of the material at the site.
6. The agency must get the prior approval of the material from the Engineer-In-Charge.
7. The agency shall have to arrange his own tools & plants including lifting crane/arrangement, skilled & non-skilled manpower, welding machine, testing apparatus etc. required for execution of work and nothing extra will be paid.
8. The payment shall be made after completion of work; no advance payments will be made.
9. The work must be completed within **30 days** after the date of issue of work order. In case the work is not completed within stipulated period, a compensation Rs.1000.00 (Rs. One thousand only) per day subject to maximum of 10% of the work order amount shall be levied.
10. The following makes of material shall be acceptable:-

• Cables	:	Fort Gloster/ Skytone/ Kalinga
• Cable Gland	:	Comet/ Peco/Dowells
• Electrical Switchgear	:	Legrand/ Havells
• Fixtures	:	Phillips/Wipro/Thorn
• Lighting Poles	:	Bajaj/Shakti/Philips/Crompton/GE/ Mayfair
• GI Wire	:	Tata/ Jindal
11. Testing & Commissioning of the installation will be done in the presence of Engineer-in-Charge or his authorized representative.
12. The cable must be megger tested before and after laying. Test reports for the cable shall be submitted in proper manner
13. The work shall be carried out as per CPWD specifications and to satisfaction of the Engineer -In - Charge. The agency shall also follow all labour laws as prevailing in Delhi.
14. The agency must have experience in the field of external pole lighting installations. The agency must have completed a single work of external pole lighting installation costing more than one lac in each of the last three years in the reputed/educational Institution. The agency shall submit copies of completion certificate along with the quotation.
15. A quotation must be accompanied with EMD amounting to Rs. 2901.00 (Rs. Two Thousand Nine Hundred & One Only). The EMD shall be in the form of demand draft of scheduled banks, drawn in favor of **"Director, NIPGR" New Delhi**. The EMD should be enclosed in separate envelope duly marked EMD, which shall be open first. **Without EMD, quotation will not be accepted.**

16. All papers attached with this quotation should be signed & returned in original.
17. **Security Deposit @ 10%** will be deducted from the bill, the EMD shall however be adjusted against the Security Deposit.
18. Security Deposit will be refunded after the completion of defect liability period of **12 months** w.e.f. actual completion date.
19. Required quantity of water shall be arranged by the Contractor and nothing extra shall be paid.
20. The Institute reserves the right to reject/accept any or all quotation without assigning any reason.
21. The Institute also reserves the right to reduce/ increase the scope of work to a maximum of 50%.
22. In case of any dispute, the decision of the Institute shall be final & binding on the agency.
23. The above work shall be executed by the trained manpower under the supervision of agency's engineer.
24. The agency's office establishment should be based in NCR/Delhi.
25. Any work not carried out as per instruction of the Engineer-in-Charge shall be dismantled and reconstructed by the agency and nothing extra shall be paid.
26. Any damage to the existing installations during the execution of work will be the responsibility of the agency and will be made good to the satisfaction of the Engineer-in-charge and nothing extra will be paid. In case the site clearance and damages are not attended, a recovery amounting to Rs.15000/- shall be made.
27. Any kind of accident / electrocution caused due to negligence or during the course of normal work etc. shall be responsibility of the agency and nothing extra will be paid.
28. All safety precautions shall be taken so as to avoid any accident or inconvenience to the members of staff. The agency shall coordinate the work with the Institute's timing schedule.
29. A copy of the TIN & PAN No. issued by the concerned authority must be enclosed with the quotation.

(Sudhir Patwal)
Administrative Officer

Seal & Signature of Contractor

4Cx6mmsq Ar Al cable

Existing Light pole

TYPE 5

Single Light pole

CENTRAL GREEN
FOR HOUSING

TYPE 4

PARKING

Double Light pole

TYPE 3

4Cx6mmsq Ar Al cable

Single Light pole

Existing Incoming Cables

TRANSIT ACCOMODATION

