

REQUEST FOR QUOTATION

Ref: PR01/PM5/ UG CABLE LAYING WORK/2022-23

Dt. 24.05.2022

To:

Dear Sir,

Sub: Enquiry for "UG Cable Laying Work" at BEML Limited, Palakkad Complex.

You are requested to submit your lowest non-negotiable quotation on FOR destination basis for the supply "**PR01/PM5 UG CABLE LAYING WORK /2022-23 dtd 24.05.2022" due on "31.05.2022"** for the subject work at BEML Limited, Palakkad Complex.

1. General information about the tender as follows: -
Name of work: a) UG Cable Laying Work

Enquiry Ref : PR01/PM5/ UG Cable Laying Work /2022-23 dtd24.05.2022.

Last Date & Time of receipt of offers : **31.05.2022 at 15:00 hrs**

2. You are requested to submit your lowest non-negotiable quotation on FOR destination basis addressed to **Deputy General Manager – Materials, BEML Limited, Palakkad Complex, Kinfra Park, Menonpara Road, Kanjikode, Palakkad -678 621** should be sent this office by due date and time. Quotations sent by fax will not be considered.
3. Quotation should be submitted in sealed covers with RFQ reference & closing date should be mentioned on the envelope. (Quotation can be submitted directly to the BEML time office before closing hrs.).
4. Quotation received after the closing hours (15:00 hrs.) of the due date of tender will not be considered and the same will be returned to the tenderer.
5. Finished goods should be supplied as per the Technical Specification mentioned in RFQ. Deviation if any, please specify the same clearly in your quotation and if any quotation without meeting our requirement is liable for rejection.
6. BEML reserves the rights to:
 - i. Accept or reject any or all proposals.
 - ii. Waive any anomalies in proposals through an addendum.
 - iii. Modify or cancel the RFQ.
7. The offer should be for Supply of UG Cable Laying Work
8. The break up rate for Item cost, Installation charge and Tax may also submitted. Service tax if any may be quoted extra.
9. The offer should be valid for 90 days from the date of RFQ.
10. Payment Terms:
 - a) 100% payment on 60th day from the date of Completion of work at BEML Limited, Palakkad Complex.

- b) 100% within 45days from the date of Completion of work on submission of MSME certificate along with Offer.
- c) Offers not agreeing with these terms are liable for rejection.
- d) Offers not agreeing with these terms are liable for rejection.
11. Dispatch Terms: FOR, BEML Palakkad Complex.
 12. L01 firm should be arrived from the total quoted value of work.
 13. Warranty: The firm has to provide minimum one year warranty for the spares.
 14. The firm shall arrange general insurance to their equipment wherever necessary.
 15. The offers received other than BEML standard payment & Dispatch terms May be liable for rejection.
 16. Vendor has to forward their quote in detail like Basic Price, GST rate.
 17. Vendor has to mention GST registration number and HSN code against the quoted items. Note: GST is payable on LD recovered. The applicable service account code for the LD is 999794 with GST rate of 18%.
 18. Packing clause: Item should be packed preferably using Eco -friendly packing material.

The firm has to quote for the following item.

Sl. no	Part no	Description	Qty (au)	Delivery schedule	Complied Yes / No
1	-	UG Cable Laying Work	1	One month	

Laying & termination of Under Ground cable and fixing of MCCBs

Scope of work

Brief description: In BEML Ltd, Palakkad Complex 415V electrical power supply to Guest house & Residence area is supplied through Underground cable from MV panel room. 400 Sq.mm Al armored UG cable is laid from MV panel room to Residence panel & 300 Sq.mm Al armored UG cable is laid from Residence panel to Guest house. At present the 400 Sq. mm UG cable & 300 Sq. mm UG cables are found damaged at some specific locations. Hence new 120 Sq. mm Al armored UG cable to be laid & terminated in place of faulty portion of 400 Sq.mm cable & 95 Sq. mm Al armored UG cable to be laid & terminated in place of faulty portion of 300 Sq.mm cable. The detailed work description is given below.

1. The firm shall lay 250 mtr (approx.) of 3.5 core 120 Sq.mm Al. armored UG cable by earth work excavation of depth 3 feet.
2. The firm shall lay total of 250 mtr (approx.) of 4 core 95 Sq.mm Al. armored UG cable by clamping in wall (220 mtr) using necessary clamps, supports, fasteners etc. Balance 30 mtr UG cable to be laid by earth work excavation of depth 3 feet. Cable to be laid inside suitable sized PVC pipe while clamping/ laying in wall area only. PVC pipe for laying cable is under the scope of the firm.
3. BEML will supply only 200A MCCBs & UG cable i.e, 4C X 95 Sq. mm & 3.5C X 120 Sq.mm. All other materials like double compression cable glands, PVC

pipe, Al. cable lugs, fasteners, insulators, cable joint kits (if any) etc for the work shall be supplied by the firm.

4. The firm shall supply & use cable glands for termination of UG cable. The approximate requirement of double compression cable glands is 6 nos (for various size cables 3.5C X 400 Sq.mm- 1 No, 3.5C X 300 Sq.mm- 1 No, 3.5C X 120 Sq.mm- 2 Nos, 4C X 95 Sq.mm² Nos). The firm shall carry out necessary modification work for termination of cables in existing electrical panels based on site condition. All unused cable entry holes/ openings in panel to be plugged properly with suitable sealant.
5. The firm shall supply, fabricate, erect & terminate 2 nos of weather proof outdoor box with powder coated 16 SWG CRCA sheet with necessary MS support structure, locking arrangement, slope, rain gutter etc. Each outdoor box shall consist of 1 no of Al. busbar of size 50 mm X 10 mm with necessary insulators. The approximate size of weather proof box shall be 1.45 mtr (H) X 0.6 mtr (W) X 0.45 mtr (D). The support structure shall be painted with 1 coat primer & 2 coats enamel paint.
6. One outdoor box shall be used for connecting/ terminating existing 3.5 core 400 Sq. mm Al. UG cable & 3.5 core 120 Sq.mm mm Al. UG cable and second outdoor box shall be used for connecting/ terminating existing 3.5 core 300 Sq. mm Al. UG cable & 4 core 95 Sq.mm mm Al. UG cable.
7. The outdoor boxes to be installed in two different locations with necessary structure work, foundation work etc.
8. The firm shall fix 2 nos of new 200A ABB or equivalent make 3 Pole MCCB in existing electrical panel using necessary fasteners, modification in existing panel if any etc. The required MCCBs will be provided by BEML. Old MCCBs shall be removed by the firm before fixing new one.
9. The firm shall carry out all the works like drilling, cutting, welding, threading, foundation works for outdoor box fixing, painting of support structures/ camps/ weld joints etc for laying & termination of cable and fixing of MCCBs.
10. The firm shall carry out wall cutting for cable entry in building & the same to be packed with cement concrete after the completion of work.
11. The firm shall submit quotation as per the BOQ given below.

Bill of Quantity (BOQ):

SL No	Description	Unit	QTY	Unit Rate in Rs.	Amount in Rs.
1	Charges for laying of 3.5C X 120 Sq.mm Al. armored UG cable by manual earth work excavation (3 ft depth).	Mtr	250		
2	Charges for laying of 4C X 95 Sq.mm Al. armored UG cable by manual earth work excavation (3 ft depth)	Mtr	30		
3	Charges for laying of 4C X 95 Sq.mm Al. armored UG cable inside PVC pipe by clamping in wall using necessary supports, fasteners etc.	Mtr	220		
4	Charges for supply, fabricate, erect & terminate weather proof outdoor box with powder coated 16 SWG	Nos	2		

	CRCA sheet with necessary MS support structure, locking arrangement, slope, rain gutter etc. Each outdoor box shall consist of 1 no of Al. busbar of size 50 mm X 10 mm with necessary insulators. The approximate size of weather proof box shall be 1.45 mtr (H) X 0.6 mtr (W) X 0.45 mtr (D). The support structure shall be painted with 1 coat primer & double coat enamel paint				
5	Charges for fixing & termination of 200A MCCBs with necessary modification in panel (if any), fasteners, insulation etc	Nos	2		

Note: 1:

1. The firm shall terminate UG cable with double compression glands at both ends. The firm shall remove existing faulty UG cable from panel & terminate with new UG cable. Any modification for new cable entry in panel shall be done by the firm. All unused cable entry holes/ opening shall be properly sealed with proper sealant.
2. The firm shall fix & terminate MCCBs in existing panel by removing existing MCCBs. If any modification required for fixing new MCCBs in existing panel needs to be carried out by the firm.
3. BEML shall supply required UG cables & MCCBs only. Any other items like double compression glands, cable lugs, fasteners, cable jointing kit (if any), PVC pipe, supports/ clamps etc shall be supplied by the firm.
4. The firm shall fix weatherproof outdoor box in MS structure. The whole structure shall be fixed with suitable foundation works by digging, concreting etc.
5. The MS structure, all supports, clamps, welded joints etc shall be painted with 1 coat primer & 2 coats enamel paint.

General terms & conditions:

1. The firm can visit the site before submitting the quotation for inspection of site condition, measurement, assessment of work etc. Any dispute arising after release of order (if qualified) in future will not be entertained by BEML.
2. The firm has to engage sufficient manpower for the work.
3. The employees of the firm shall obtain necessary pass from Maintenance/ Security department by following BEML rules before commencement of work.
4. The firm has to bring necessary tools/ consumables/ equipments etc required for the work.
5. All the items supplied/ brought by the firm shall be entered in BEML main security gate by producing proper delivery challans/ documents as per the rules of BEML. The items shall be kept inside the factory in a place identified by BEML only during the course of work. The firm shall make his own arrangement for safe custody of his items and the firm will be the custodian of items brought by him. BEML is not responsible for any loss/ damage to firm's items.
6. After completion of work, the firm shall take back his own remaining/excess materials/equipments/ tools etc without any delay. BEML is not responsible for any loss/ damage of such items.

7. The maintenance/ consumables/ fuel for the equipments/ machines/ vehicles brought by the firm are under the scope of the firm.
8. firm shall depute one supervisor/ or his representative at site during the working hours as per the requirement.
9. The firm has to abide all the safety instructions given by BEML from commencement of work to end of work without fail.
10. The firm has to provide all the Personal Protective Equipments (PPEs) related to safety to their employees. Firm shall be sole responsible for any type of accident occurs while executing the work. BEML shall not hold any responsibility for such accidents.
11. The firm has to carry out the work in concurrence with BEML and complete the work to the satisfaction of BEML. Work has to be carried out without disturbing the working atmosphere. No inconvenience should be caused to BEML in all respect.
12. From commencement to completion of the work the firm shall take full responsibility, taking precautions to prevent loss or damage to BEML property at related work site. The firm shall be liable for any damage or loss that may occur during the progress of work. It is the responsibility of the firm to make correction/ rectification/ providing new one of damaged property etc whichever is required as per the site condition, failing which the BEML will withheld the equivalent amount incurred for correction/ rectification/ providing new one from the bill of firm.
13. The firm shall adhere all the statutory requirements for deployment of labors for work as per the Govt. rules.
14. The firm shall make its own arrangement for boarding & lodging for their employees.
15. The employees of the firm can avail the canteen facility if required during the working hours on actual chargeable basis as per the BEML rules.
16. The firm's employees shall be ready to work on Sundays/ Holidays if required as per the site conditions.
17. BEML will provide Water & Electricity at free of cost for the work at available points. The firm shall make his own arrangement for tapping of Water & Electricity at work site if required. The firm has to judiciously use the resources without wasting the same.
18. The loading/ unloading of the materials for the work at site is under the scope of the firm and shall carry out without affecting the man and material movement of BEML.
19. The firm shall take necessary work/ safety permits before commencement of work.
20. The firm's personnel shall not carry any objectionable material like explosives, cell phones, battery-operated instruments, weapons etc. knowingly or unknowingly inside the factory premises.
21. The employee of the firm shall follow general rules, regulations and disciplinary instructions of BEML.

Note:L-1 will be considered for the total value of Work.

(Signature of the firm with seal)

