

NO: AAC/EMD-II/1001(105)/ 138

Dated: 27-07-2021

To
M/S. Youngmen Traders,
P-27/1, Rastraguru Avenue,
Dum Dum,
Kolkata – 700 028.
Tel. +91 33 2551 3937
E-mail : boseranjan@hotmail.com

Name of Work: Shifting of Perimeter road lighting for 'F' Taxi extension work at NSCBI Airport, Kolkata.

Ref : Your e-bid (Financial) opened on 30.06.2021 (Open Tender ID: 2021_AAI_77163_1).

Dear Sir,

1. Your e-tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India, at the item rates quoted by you totaling to **Rs. 74,10,525/- (Rupees Seventy Four Lakh Ten Thousand Five Hundred and Twenty Five only)** excluding GST, which is 35.99 % (Thirty Five Decimal Nine Nine percent) below the estimated cost put to tender of Rs.1,15,76,927/- (excluding GST).
2. Dy. General Manager (Engg.-Elect)-I, AAI, NSCBI Airport, Kolkata shall be the Engineer-in charge of the work and his authorized representative shall be Shri A. Dutta, Asstt. General Manager (Engg-Elect.). You are requested to attend the office of Dy. General Manager (Engg.-Elect.)-I, AAI, NSCBI Airport, Kolkata-52 within 15 days from the date of issue of this letter to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs.100/- (Rupees one hundred only) alongwith demi papers and the cost of the stamp paper shall be borne by you.
3. Please deposit **Rs. 7,41,053/- (Rupees Seven Lakh Forty One Thousand and Fifty Three only)** towards security deposit within 10 days from the date of issue of this letter failing which, the same will be deducted as per condition of Clause no. 1A at GCC page no. 16 of contract document.
4. You are requested to comply with the provision of contract labour (Regulation and Abolition) Act. 1970 and contract labour (Regulation and Abolition) Central Rules 1971, Child Labour (Prohibition and Regulation) Act 1986, Construction Workers (Regulation of Employment and condition of Service) Act 1996, Building and other Construction Workers Welfare Cess Act 1996 as specified in clause 19 on GCC page no. 49 of Tender, minimum wages act. and rules thereof central and state Governments.

Cont'd page..2

5. You are also directed to contact AGM(E-E) immediately who will arrange to hand over the site to you.
6. Please note that the time allowed for carrying out the work shall be **04 (Four) Months** and same shall be reckoned from the 10th day after the date of issue of this letter.
7. All queries, clarifications etc. raised during e-tendering process and replies there of including all corrigendum issued shall also form part of the agreement.
8. Any further correspondence in connection with the contract should normally be addressed to the Engineer-in-charge.
9. Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after signing it to the undersigned as a token of acceptance.

Yours faithfully,

 27/07/2024
(Swapan Sarkar)

Dy. General Manager (Engg.-Elect.)
For and on behalf of Chairman, AAI.

Encl: Schedule of Quantity.

Copy to:

- 1) The Labour Commissioner, 2nd, MS Building, 5th floor, Nizam palace, 234/4, A.J.C. Bose Road, Kolkata-700 020.
- 2) The Chief Commissioner of Income Tax, P-7, Aayakar Bhavan, Chowringhee sqr, Kolkata-700 069
- 3) The Regional Provident Fund Commissioner, D K Block , Sector-2, Salt lake City, Kolkata-700 091.

N.O.O.

Copy to :

- 4) The General Manager Engg. (E), AAI, NSCBIA.
- 5) The General Manager Engg. (C), AAI, NSCBIA.
- 6) The General Manager (F&A), AAI, NSCBIA.
- 7) Asstt. General Manager Engg. (E), AAI, NSCBIA.
- 8) Manager Engg. (Elect.), AAI, NSCBIA. Attn: Shri A. Pal, ME(E).
- 9) Agreement.

 27/07/2024

Dy. General Manager (Engg.-Elect.)

Validate

Print

Help

Item Rate BoQ

Tender Inviting Authority: AIRPORTS AUTHORITY OF INDIA

Name of Work: Shifting of Perimeter road lighting for 'F' Taxi extension work at NSCBI Airport, Kolkata.

Contract No: AAC/AGM(EE)-II/2021-22/NIT-02

Name of the Bidder/ Bidding Firm / Company :	YOUNGMEN TRADERS						
PRICE SCHEDULE (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)							
NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code / Make	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	13	53	55
1	Designing of Perimeter Road & Wall Lighting for various parts of Perimeter Boundary Walls as relocated or existing of Kolkata Airport with LED flood light luminaires so as to maintain the lux level at the highest point of the wall not less than 10 LUX at the end of 5 th year (i) Illumination by Street Light Poles from Existing Perimeter road from Cargo to LOS Area : refer D1 (ii) Illumination with Perimeter Wall Lighting from LOS Area to SMR 02 U Section : refer D2 (iii) Illumination with street Light Poles from SMR 02 end to Bankra End Area chainage 5.609 : refer D3 & D4 where height of the Perimeter Wall is fixed (as per existing plan and drawings) complete as required and vetting the design in AAI approved lab and as detailed in the Technical Specifications of this tender.	Item 1	1.000	Job	50000.00	50000.00	INR Fifty Thousand Only
2	Supply of fully weather proof with IP 66 protected, Integral type LED Street Light Luminaire of the following Wattage, fitted with sufficient number & appropriate type LEDs for generating cool white light, comprising of Pressure Die Cast Aluminum housing, fully weather proof with IP 66 protection, better heat dissipation arrangement and suitable for operation on variable AC inputs employing highly efficient constant current electronic driver etc and as per the technical specification mentioned in this tender document. 45 Watts Street Light Luminaire.	Item 2	140.000	Each	2000.00	280000.00	INR Two Lakh Eighty Thousand Only
3	Design and Supply of high strength marine grade aluminium street lighting pole and the Mount height of pole with fixtures of 3.5 mtr, round shaped 70 to 60 mm diameter 3 mm thick, suitable for 90 mph wind pressure and having integral swan-neck type arm of minimum 700 mm span and required angle with aluminium reducer of 100 mm length x 50 mm dia for fitment of light fixture and to achieve desired lux level, cap, pre drilled holes for cable entry & exit, epoxy coated steel base plate 200 x 200 x of 12 mm thick, match drilled, 4 nos.. SS foundation bolt of designated length, pole fixing hardware and aluminium spray painted etc., complete street light pole as required. 3.5 mtr street light pole.	Item 3	77.000	Each	8500.00	654500.00	INR Six Lakh Fifty Four Thousand Five Hundred Only

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1	2	3	4	5	13	53	55
4	Fixing on the Perimeter wall suitable perimeter wall light fitting including supplying 40mm dia class 'B' GI pipe of length not less than 2.0 mtr by bending the pipe at the desired angle as per illumination design i/c providing and fixing/drilling with MS clamps 02 nos of suitable size, anchor fasteners, GI Flexible pipes, painting numbering etc. as per site requirement.	Item 4	51.000	Job	1000.00	51000.00	INR Fifty One Thousand Only
5	Supply of external lighting pole junction box of Thermoplastic enclosure (lid made of transparent Polycarbonate and base made of Polystyrene) having single stainless steel screw operation for opening the full transparent hinged lid with sealing facility through that SS screw. The enclosure should have IP 66 degree of protection accordance to EN 60529, dust proof, water tight, light weight, acid resistant, corrosion proof, insulated and shock proof, fire retardant, self-extinguishing, halogen & silica free non-Toxic material, with internally embedded Gasket (made of polyurethane), size of 217x253x115 mm fitted with clamp, nut, bolt, GI Strip at the back of the enclosure, etc. as required as per site requirement & instruction of Engineer-in-charge. Internals 6A SP MCB on a din channel - 1 No., 100 A 4 way terminal - 1 No.	Item 5	128.000	Each	3800.00	486400.00	INR Four Lakh Eighty Six Thousand Four Hundred Only
6	Supplying of weather proof, Vermin proof, powder coated, free floor-standing type, fully compartmentalized, double door, outdoor type electrical Panel generally confirming to IP-55 and having SC capacity of 25 KA, fabricated from 2 mm. thick CRCA sheet, treated through seven tank process suitable to accommodate the following along with detachable gland plate (2 mm thick CRCA sheet), the enclosure shall be provided with ventilation louver covered with wire mesh, lifting hooks. a) (i) Incomer - 200 A, 415 V, Four pole MCCB - 1 No. (ii) Outgoing :- (a) 100 A, 4P MCCB - 01 No; (b) 63 A 4P MCCB - 04 Nos. (iii) 200A rating A1 - Bus bar, Four pole with Fibre glass insulated support & PVC sleeve etc. (iv) 40 Amp 3 Pole TPN power Contactor - 1 No. (v) R Y B indication lamp (LED type) at incomer with 3 nos. 2 A SP MCB (B-series) - 01 set. (vi) On indication lamp (LED type) at each I/C and O/G (vii) Separate Bus Bar Alley in 2 sections. (viii) On Delay timer - 1 No. (ix) Toggle switch for auto manual - 1 No.	Item 6	2.000	Each	118000.00	236000.00	INR Two Lakh Thirty Six Thousand Only
7	Supply of permanently lubricated HDPE (High density polyethylene) pipe of 75 mm outer dia. along with necessary connectors/couplers/adaptors etc. complete as required and as per the technical specifications.	Item 7	2500.000	Metre	175.00	437500.00	INR Four Lakh Thirty Seven Thousand Five Hundred Only
8	Supply of permanently lubricated HDPE (High density polyethylene) pipe of 40 mm outer dia. along with necessary connectors/couplers/adaptors etc. complete as required and as per the technical specifications.	Item 8	3500.000	Metre	110.00	385000.00	INR Three Lakh Eighty Five Thousand Only
9	Supply of 50/40 mm Outer dia. DWC HDPE (High density polyethylene) pipe complete with accessories like couplers, bends, tee etc. of with pulling rope fitted inside complete as required and as per technical specifications.	Item 9	500.000	Metre	55.00	27500.00	INR Twenty Seven Thousand Five Hundred Only
10	Supply of 1.1 KV grade XLPE insulated PVC sheathed, armored Aluminum conductor cable confirming to IS: 7098 (part I) 1988 with up to date amendments of the following sizes:- (a) 3.5 Core x 120 sq. mm.	Item 10	2200.000	Metre	470.00	1034000.00	INR Ten Lakh Thirty Four Thousand Only

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1	2	3	4	5	13	53	55
11	Supply of 1.1 KV grade XLPE insulated PVC sheathed, armored Aluminum conductor cable conforming to IS: 7098 (part I) 1988 with up to date amendments of the following sizes:- (b) 4 Core x 16 Sq mm	Item 11	5000.000	Metre	115.00	575000.00	INR Five Lakh Seventy Five Thousand Only
12	Erection of Aluminium Perimeter road light pole of 3.5 mtr. height, on 4 nos. foundation bolt grouted on RCC foundation with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), 50 mm thick base concrete (1:3:6) over 75 mm flat brick soiling including excavation and refilling, cement plaster etc. as required. i/c painting C.C. color with synthetic enamel paint of approved color etc. as required.	Item 12	77.000	Each	1800.00	138600.00	INR One Lakh Thirty Eight Thousand Six Hundred Only
13	Embedding 2 nos. 40 mm OD, 1.5 mtr. each, HDPE pipe as per item no.08 (but excluding supply of 40 mm OD HDPE pipe) with coupler attachment at one end, for each pole, from ground to loop-in loop-out box through pole foundation (during casting) for cable entry including bending the pipe to the required shape complete as required.	Item 13	77.000	Each	200.00	15400.00	INR Fifteen Thousand Four Hundred Only
14	Installation, testing and commissioning of LED Luminaire on the existing pole or bracket i/c angle setting, complete accessories and connection of cable from looping box. With 3 X 1.5 sq. mm PVC insulated FR copper conductor wire & lugs/ ferrules as reqd. 45 Watts LED Street Light Luminaire.	Item 14	150.000	Each	100.00	15000.00	INR Fifteen Thousand Only
15	Fixing of Polycarbonate loop-in-loop out junction boxes on each Aluminium pole/perimeter wall i/c providing loop in loop out cables from the box through suitable glands by providing suitable size 25 x 5 mm GI strips, nut, bolt, anchor fasteners etc. as required as per site requirement & instruction of Engineer-in-charge.	Item 15	128.000	Job	200.00	25600.00	INR Twenty Five Thousand Six Hundred Only
16	Installation, testing and commissioning of electrical Panel as offered in item no. 6 including concrete foundation (1:3:6) and brick work of suitable size on three sides. It also includes swapping, recoiling, handling, refilling with sand and brick protection of all incoming and outgoing cables etc. complete as required.	Item 16	2.000	Each	2000.00	4000.00	INR Four Thousand Only
17	Laying of 75 mm OD permanently lubricated HDPE (high density polyethylene) pipe along with its necessary accessories like coupler, end plugs etc. below the ground (i/c Road crossing, Cement concrete Apron Area) at a depth of 3.5 m to 5 m through horizontal directional drilling etc. complete as required after doing Ground Penetrating Radar Survey and submitting its report of underground utilities as per technical specification.	Item 17	2500.000	Metre	150.00	375000.00	INR Three Lakh Seventy Five Thousand Only
18	Laying of 40 mm dia permanently lubricated HDPE pipe along with its accessories like coupler, end plugs etc. in following way - (a) in the soil work upto 750 mm deep, back filling & making good the same as per site requirement.	Item 18	3000.000	Metre	75.00	225000.00	INR Two Lakh Twenty Five Thousand Only
19	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 kV grade of following size in the existing RCC / HUME / METAL/HDPE pipe as required. (a) Upto 35 sq. mm.	Item 19	2700.000	Metre	30.00	81000.00	INR Eighty One Thousand Only

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1	2	3	4	5	13	53	55
20	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 kV grade of following size in the existing RCC / HUME / METAL/HDPE pipe as required. (b) Above 95 sq. mm and upto 185 sq. mm.	Item 20	2350.000	Metre	35.00	82250.00	INR Eighty Two Thousand Two Hundred & Fifty Only
21	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 kV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc. as required. (a) Upto 35 sq. mm.	Item 21	230.000	Metre	205.00	47150.00	INR Forty Seven Thousand One Hundred & Fifty Only
22	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required. Upto 35 sq. mm (clamped with 1mm thick saddle)	Item 22	900.000	Metre	35.00	31500.00	INR Thirty One Thousand Five Hundred Only
23	Supplying and making end termination with Aluminum lugs and other materials for following size of PVC insulated and PVC sheathed / XLPE aluminum conductor cable of 1.1 KV grade as required. (a) 3.5 X 120 sq mm (45 mm)	Item 23	10.000	Each	200.00	2000.00	INR Two Thousand Only
24	Supplying and making end termination with Aluminum lugs and other materials for following size of PVC insulated and PVC sheathed / XLPE aluminum conductor cable of 1.1 KV grade as required. (b) 4 x 16 sq. mm (28 mm)	Item 24	260.000	Each	105.00	27300.00	INR Twenty Seven Thousand Three Hundred Only
25	Supplying and making straight through joint with heat shrinkable kit including ferrules and other jointing materials for following size of PVC insulated and PVC sheathed / XLPE insulated, PVC sheathed armoured, aluminium conductor cable of 1.1 KV grade as required. (a) 3½ X 120 sq. mm.	Item 25	4.000	Job	1500.00	6000.00	INR Six Thousand Only
26	Supplying and making straight through joint with heat shrinkable kit including ferrules and other jointing materials for following size of PVC insulated and PVC sheathed / XLPE insulated, PVC sheathed armoured, aluminium conductor cable of 1.1 KV grade as required. (a) 4 X 16 sq. mm.	Item 26	4.000	Job	800.00	3200.00	INR Three Thousand Two Hundred Only
27	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	Item 27	4.000	Each	4500.00	18000.00	INR Eighteen Thousand Only
28	Providing and laying earth connection from earth electrode with 6 SWG G.I. wire in 15 mm dia GI pipe (class-B) from earth electrode including connection with G.I. thimble, excavation and re-filling as required.	Item 28	44.000	Metre	125.00	5500.00	INR Five Thousand Five Hundred Only
29	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.	Item 29	4500.000	Metre	20.00	90000.00	INR Ninety Thousand Only

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1	2	3	4	5	13	53	55
30	Constructing brick masonry chamber with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete etc. With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 complete as per standard design: (Inside dimensions 1000 x 750 mm and 900 mm deep) i/c submission of GPS coordinate at each chamber location etc and as per EIC.	Item 30	14.000	Each	8000.00	112000.00	INR One Lakh Twelve Thousand Only
31	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.	Item 31	5.000	Cum	125.00	625.00	INR Six Hundred & Twenty Five Only
32	Providing and laying in position cement concrete 1:2:4 (1 cement: 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) . Including any form of work etc. as required.	Item 32	5.000	Cum	4500.00	22500.00	INR Twenty Two Thousand Five Hundred Only
33	Dismantling of existing perimeter light pole / flood light pole of Height upto 3.65 Mtr along with its fitting(s). Loop in loop out box, connection, demolition of old brick pedestal & making the surface good and transportation of the dismantled feeder pillar from site to AAI store etc. at Airport premises as required as per direction of engineer-in-charge.	Item 33	50.000	Each	200.00	10000.00	INR Ten Thousand Only
34	Dismantling of existing perimeter road/wall light fitting with its mounting arrangement on perimeter wall including attached GI pipe, MS clamps, Junction Boxes and disconnecting the Loop Cable from the junction boxes and returning the same to AAI store etc. as per site requirement.	Item 34	20.000	Job	50.00	1000.00	INR One Thousand Only
35	Demolition of concrete pedestal from dismantled perimeter light pole by manual means i/c painting the same pole so as to make the pole fit for reinstallation. etc. as per instruction of EIC.	Item 35	50.000	Job	300.00	15000.00	INR Fifteen Thousand Only
36	Supply of Heavy Duty Mobile Telescopic Vertical Lighting tower of height min 8.5 mtr fully erected condition with 5 KVA, 1500 RPM Air / Water cooled diesel engine directly coupled to a self-excited, self-regulated alternator having output of 4 KW, 1phase, 10 HP, 50 Hz, including 50ltr capacity fuel tank with incorporate vibration dampers having provision for battery for engine start should be housed in a suitable designed acoustic cover meeting CPCB II Norms for noise as well as exhaust emission specification. DG Set and alternator should be placed on 3 wheeler trolley base with pneumatic tyres having 9-meter tower 7m + 1 m trolley + 1 m cradle) self-supporting telescopic tilting tower, control panel for manually as well as motorized operated winches combining with 8 nos. 350 Watt. (Long range type) LED flood light fittings complete, control gear connected with set of copper conductor cable with plug and conduit pipe etc Complete as required and as per the technical specifications mentioned in the tender.	Item 36	2.000	Set	850000.00	1700000.00	INR Seventeen Lakh Only

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1	2	3	4	5	13	53	55
37	Supply of battery-operated LED type unserviceability obstruction lights red colour with 10 cd luminous intensity consisting of 50 Wp Monocrystalline Solar PV module and min 12 V, 12 AH Battery (having 3 years replacement warrantee) with mounting arrangement for mounting on 330(L) x 330(W) x 300(H) MS Box complete as required.	Item 37	20.000	Each	7000.00	140000.00	INR One Lakh Forty Thousand Only
Total in Figures						7410525.00	INR Seventy Four Lakh Ten Thousand Five Hundred & Twenty Five Only
Quoted Rate in Words		INR Seventy Four Lakh Ten Thousand Five Hundred & Twenty Five Only					


 DGM(E-E)
 27/07/2024