



# INDIAN INSTITUTE OF TECHNOLOGY JODHPUR

Karwar, NH-62, Nagour Road, Jodhpur-342030

॥ त्वं ज्ञानमयो विज्ञानमयोऽसि ॥

## NOTICE INVITING QUOTATION

1	Name of Work	:	Supply, Fixing, Connecting and Commissioning of LED flood lights along with M S poles, Feeder pillar panel etc. as required for 1 each court of Basketball, Volleyball and Lawn Tennis court at Sports complex building of IIT Jodhpur
2	NIQ No.	:	IITJ/OIE/2022-23/45 , Dated 11 Nov 22
3	Estimated Cost [Rs.]	:	8,71,580/-
4	EMD [Rs.]	:	17440/-
5	Period of contract / Obligation	:	20 days
6	Last date of submission	:	16 Nov 22

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Certified that this NIQ contains 2 to 10 pages

SE (Infrastructure)

Quotation document issued to	:	
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## NOTICE INVITING QUOTATION

Superintending Engineer (Infrastructure) Indian Institute of Technology, Jodhpur, NH-62, Nagour Road, Jodhpur -342030. Invites online **Percentage rate** QUOTATION from firms/ Contractors Registered in appropriate class with CPWD, MES, BSNL and Railways for the following work: -

Sr. No.	NIQ No.	Name of work & Location	Estimated Cost put to quotation [INR]	Period of contract / obligation	Time & date of issue and submission of quotation		Time & date of opening of quotation
					Issue of quotation	submission of quotation	
1	2	3	4	6	7	8	9
1	IIT/OIE/2022-23/.....	Supply, Fixing, Connecting and Commissioning of LED flood lights along with M S poles, Feeder pillar panel etc. as required for 1 each court of Basketball, Volleyball and Lawn Tennis court at Sports complex building of IIT Jodhpur	8,71,580/-	20 days	11 Nov 22	16 Nov 22 Upto 3:00 PM	17 Nov 22 at 4:00 PM

The quotation document can be obtained from the office of the SE (Infrastructure) Office of Infrastructure Engineering, W-1 Berm, IIT Jodhpur. Tenders will be issued to eligible contractors / firms provided they produce following documents with application:

1. Attested copy of valid GSTIN registration
2. Attested copy of registration certificates to be submitted. Registration of firms/ Contractors must be valid on the last day of issue of Quotation or extended date of issue of Quotation.
3. Telegraphic, Postal & Conditional Quotation are liable to be summarily rejected.
4. **Firms / Contractors must have completed satisfactorily one similar work of value not less than Rs. 6,97,264/- or Two similar works each of value not less than Rs. 5,22,948/- or three similar works each of value not less than Rs. 3,48,632/- during the last 7 years ending on date 10 Nov 22.**
5. **Similar work means pertaining to works of cable supply and laying, LED light supply and fixing.**
6. **ESI and EPF certificate should be attached with bid.**

Quotation Document shall be submitted online on CPP portal before due date of opening in the office of the SE (Infrastructure), Office of Infrastructure Engineering, W-1 Berm, IIT Jodhpur. Authority of IIT Jodhpur reserves the right to reject any or all the quotations without assigning any reason.

[a] Name of the firm and address      [b] Quotation No.      [c] Date of opening      [d] Name of work

Superintending Engineer  
(Infrastructure)

Copy to: (1) AEE (E)/AE(E)  
(2) Notice Board  
(3) JE(E)



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## SCHEDULE OF MATERIAL TO BE ISSUED

Schedule showing approx. Quantity of materials to be supplied by the Institute under clause 12 of the CPWD conditions of contract for work contracted to be executed and the rates at which they are to be charged for.

Particulars	Rate at which the material will be Charged to the Contract	Place of Delivery
-----NIL-----		

Note: -

1. The Person of firm submitting the quotation/tender online should be seeing that rates in the above schedule are filled up by the Engineer-in-Charge on the form prior to the submission of the tender.

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Signature of the contractor with seal



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## TERMS AND CONDITIONS

- 1 No T & P would be supplied by the institute and contractor will have to make own arrangement.
- 2 The contractors are advised to get acquitted with the proposed work including specifications & its and additional conditions carefully before quoting. No claim of any sort shall be entertained or account of any site conditions ignorance of specification & additional conditions. The work shall be carried out as per the availability of site
- 3 The work shall be carried out as per CPWD specifications 2019 volume I & II and Part-I Internal 2013 with up – to date correction slips unless otherwise specified in the nomenclature of individual item or in the specification, additional conditions where specifications are silent, the decision of Engineer –in- Charge shall be final and binding on contractor in terms of latest from 7/8 of IITJ/CPWD.
- 4 The rates quoted by the contractor shall be taken as net and nothing extra shall be paid on any account i.e Royalty, Cartage, GST & Stacking of material required at place etc.
- 5 The rates for different items of work shall apply for Heights & Depths, Leads & Lifts unless otherwise specified in the agreement or specifications applicable in the agreement.
- 6 Any damage done by the contractor to any existing item / any part of the building during the course of execution of work shall be made good by at his own cost.
- 7 Articles manufactured by the reputed firms and approved by Engineer-in –Charge shall only be used. Only articles classified as “First quality” by the manufacturer shall be used unless otherwise specified.
- 8 The sample of material required in the work brought at site shall be got approved from Engineer-in-Charge before use in execution of work.
- 9 The sample of material required for Testing shall be provided at free of cost by the contractor. Testing charges if any shall be borne by the Contractor and shall be reimbursed in case the test results are satisfactory. All other expenditure to be incurred for taking sample, conveyance, packing etc. Shall be borne by the contractor.
- 10 The Engineer-in-Charge can modify the programme and the contractors have to work accordingly. In case work does not start within 7 days the same is liable to be rescinded as per latest form 7/8 IITJ/CPWD and in case of delay liquidated damages to be imposed on Contractors as per latest form 7/8 of IITJ/CPWD. Extension of time in work shall be dealt as per latest form 7/8 of IITJ/CPWD.
- 11 Some restrictions may be imposed by the security staff of IIT Jodhpur campus etc. on the working and or movement of labour camp/ huts shall be allowed in IIT Campus. The Contractor shall make his own arrangement for labour huts outside the campus. However, constructions of cement go down and Chowkidar’s hut in the Campus shall be permitted. The contractor shall be bound to follow all such restrictions/ instructions and nothing shall be payable on this account.
- 12 The contractor shall be fully responsible for the safe custody of the material issued or brought at site by him for doing work.
- 13 The contractor shall clean the site thoroughly of scaffolding materials, rubbish, equipment’s left out of his work & dress the site around the building to the complete satisfaction of the Engineer-in-Charge before the work is treated as completed.
- 14 Contractor has to quote against the item of schedule of credit of material. The contractor cannot quote either minus rate or Zero rate for these items. The amount against these items will be subtracted in calculating lowest agency.
- 15 Income Tax, Labour Cess etc. as applicable shall be deducted from the bills of contractor.
- 16 Deviation up to 30% QUOTATION value & Extra/ Substituted items up to 30% QUOTATION value are permissible.

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## LIST OF APPROVED MAKES FOR ELECTRICAL WORK

S. No.	Material	Approved makes
1	MCCBS	SIEMENS, L&T, SCHNEIDER, LEGRAND, Havells
2	MCB, ELCB, RCCB, DB and RCBO. Distribution board shall be of the same make of MCB, ELCB, RCCB, DB and RCBO.	SIEMENS(BETA GUARD), L&T(AU), SCHNEIDER(ACTI 9), LEGRAND(DX 3), ABB(ELEGANCE)
3	LT cables, 1.1 KV grade	KEI, HAVELLS POLYCAB, RR KABEL
4	FRLS copper wires and cables, 1.1 KV grade	KEI, HAVELLS, POLYCAB, RR KABEL
5	Switch Socket accessories.	LEGRAND(MYRIUS), SCHNEIDER(ZENCELO), MK(ELEMENTS), HAGER(INSYSTA), CRABTREE(MURANO), ABB(CHERION)
6	Lugs and Ferrules	DOWELLS, JAINSON
7	Brass Compression Gland (Heavy duty)	COMMEX, GRIPWELL, HENSEL
8	Telephone Cables	FINOLEX, HAVELLS, POLYCAB, RR, KABEL
9	Cable Lugs & Thimbles	DOWELL, ASIAN, ACTION
10	Telephone Tag Blocks with boxes	KRONE, POUYET
11	PVC Conduits and Accessories (ISI Marked, Heavy duty)	BEC, PRECISION, POLY-PACK, AKG, POLYCAB
12	MS Conduit and Pipes	BEC, AKG, M-KAY, STEEL CRAFT, RMCON
13	MS Conduit Accessories (Heavy duty)	BEC, AKG, M-KAY, STEEL CRAFT, RMCON
14	Pipes and Accessories (ISI)	TATA, JINDAL, SAIL
15	RJ 45 Connector	D-Link, Molex, Panduit.
16	CAT-6A CABLE	TYCO, MOLEX, PANDUIT, SYSTIMEX, LEGRAND
17	Cable Raceway floor/wall mounted and accessories.	Schenider/Legrand/Cooper/Honeywell
18	Selector Switch	RISHAB - L&T, KAYCEE, SIEMENS, C&S, ABB
19	Timers & Contactors to be mounted in DB's	L&T, SIEMENS, SCHNEIDER, HAGER, LEGRAND
20	I/O (Data) Point/Port	Milestone/Numeric/Cisco/Fiolex/Legrand/Havells
21	Led light	Havells, Crompton, Philips.
22	Ceiling/Exhaust Fans	CROMPTON GREAVES, ORIENT, HAVELLS
23	Driver/SPD	PHILIPS, WIPRO, CROMPTON, OSRAM
24	T5 Tube light/ballast and other accessories	PHILIPS, WIPRO, CROMPTON, OSRAM, SURYA
25	Polycarbonate Junction Boxes	HENSEL, CLIPSAL, MENEKES
26	Fasteners	HILTI, FISCHER, BOSCH, WUNH
27	MS Pipe	Jindal, Tata, Apollo,
28	Splitter Box	MX, SHARP, CATVISION
29	MDF	KRONE, HENSEL
30	DWC Pipe	Tirupati, Gemini, Rex, TRICOLITE
31	Sealed Maintenance free Batteries	EXIDE, AMARON, QUANTA

Note: Superintending Engineer, IIT Jodhpur reserves the right to add or delete any material and brands in the list of preferred material/brands on the recommendation of Engineer-In -charge and respective officers.



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## SCHEDULE OF WORK

S. No.	Description	Qty	Unit	Unit Price	Amount
1	Laying of one number PVC insulated and PVC sheathed/XLPE power cable of 1.1KV grade of following sizes direct in ground/DWC pipe including excavation and refilling the trench etc. as required but excluding sand cushioning and protective covering.				
1.1	Upto 35 sq mm	300.00	Meter	269.00	80,700.00
1.2	above 35 sq mm and upto 95 sq mm.	120.00	Meter	217.00	26,040.00
2	Laying of one number PVC insulated and PVC sheathed/XLPE power cable of 1.1KV grade of following sizes direct in the existing open masonry open duct etc. as required.				
2.1	above 35 sq mm and upto 95 sq mm.	180.00	Meter	45.00	8,100.00
3	Erection of metallic pole of following length in cement concrete 1:3:6 (1 cement: 3 coarse sand: 6 graded stone aggregate 40 mm nominal size) foundation including excavation and refilling etc. as required.				
3.1	above 4.5 meter and upto 7.5 meter	8.00	Each	5,121.00	40,968.00
3	Supply and laying of following sizes DWC HDPE pipe ISI marked along with all accessories like socket, bend coupler etc. confirming to IS 14930, Part II complete with fitting and cutting, jointing etc. in the existing trench, complete as required.				
3.1	63mm (OD - 63mm & ID 51mm nominal)	400.00	Meter	127.00	50,800.00
4	Supply of 3.5 core 50 sq mm aluminium armoured (XLPE) sheathed cable, 1.1 KV grade including termination on both side of panel, testing and commissioning etc as required. Make: KEI/Havells/Polycab.	320.00	Meter	360.00	1,15,200.00
5	Supply of 3 core 04 sq mm Cooper flexible PVC sheathed cable, 1.1 KV grade including testing and commissioning etc. as required.	500.00	Meter	192.00	96,000.00
6	Supply and fixing of LED flood light in various outdoor filed at existing pole including testing and commissioning as required. Specification- outdoor type LED flood light IP 65, 200watt, 150-250Volt, 100 lumens/watt, 5800-6500K, Aluminium die casting body, suitable for outdoor, with PC diffuser lens for glare free etc. as suitable for outdoor condition. Make-Havells/Crompton/Bajaj/Philips/Wipro.	24.00	Each	12,235.00	2,93,640.00



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7	Supply of M.S. Pipe 100mm (Dia) class C (Heavy) pipe as per IS/1239/ISI Marked, with iron channel 75x40x6 mmxmmxmm of suitable length for fixing flood light at the top of pole, making hole for light connection with two coats of synthetic enamel powder coated paint of approved shade etc. as required. Make- Jindal/Apollo/TATA	36.00	Meter	1,313.00	47,268.00
8	Supply of M.S. Pipe 65mm (Dia) class C (Heavy) pipe as per IS/1239/ISI Marked, with iron channel 75x40x6 mmxmmxmm of suitable length for fixing flood light at the top of pole, making hole for light connection with two coats of synthetic enamel powder coated paint of approved shade etc. as required. Make- Jindal/Apollo/TATA	60.00	Meter	773.00	46,380.00
9	S.I.T.C. of feeder pillar/LT panel of suitable size kiosk type (415 Volt, 03 Phase, 04 Wire System, 50Hz) factory assembled, pedestal mounted, outdoor type weather and vermin proof (rubber lining/neoprene gasket) made of 02 mm thick CRCA sheet with both side openable and front side lock arrangement and handle for opening, completely painted internally & externally with two coats of synthetic enamel powder coated paint of approved shade over a coat of red oxide primer complete including PCC/RCC structure for foundation including the following- Cable entry (Incoming/outgoing) from bottom with cable gland and Aluminium bus bar with insulating heat shrinkable sleeve rating 150 amps - 04 Strip, RYB indicator. Incoming - MCCB - 03 Phase, 04 Pole, 415 V, 50 HZ, 100 amps, 30 KA - 01 Nos. Outgoing - MCCB - 01 Phase, 02 Pole, 230V, 50 Hz, 32amp, 16KA - 05 Nos.	1.00	Each	53,406.00	53,406.00
Total DSR Items					2,06,608.00
Total Non-DSR items.					6,51,894.00
Add difference of GST (as per OM no. SE/TAS/GST/20 dated 10.082022 on DSR items @6.33%					13,078.29
Total					8,71,580.29

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## Special Conditions of BOQ: -

1. No labour huts shall be allowed in IIT Campus and nothing shall be paid extra on this account.
2. The contractor must visit the site of work /buildings before quoting the rates.
3. No labour to stay in IIT Campus nothing shall be paid extra on this account.
4. Site shall be made available as and when available.
5. The rates for different items of work shall apply for all Heights/ Lifts & Depths (Internal or External) /Leads and nothing extra shall be paid on these accounts.
6. Scaffolding, Jhula, ladders etc. to carryout works at all heights/Lifts shall be arranged by the contractor at his own cost. Nothing extra shall be paid on these accounts.
7. Site shall be available in parts or phases as per directions of Engineer in Charge and nothing extra on this account shall be paid to the Contractor.
8. Rate quoted by the contractor shall be inclusive of GST but exclusive of ESI & EPF.






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## Format of Financial/Price Bid

PRICE BID							
 ॥ त्वं ज्ञानमयो विज्ञानमयोऽसि ॥		Indian Institute of Technology Jodhpur Office of Infrastructure Engineering					
NIT No. IITJ/OIE/2022-23/45							
Name of Work :Supply, Fixing, Connecting and Commissioning of LED flood lights along with M S poles, Feeder pillar panel etc. as required for 1 each court of Basketball, Volleyball and Lawn Tennis court at Sports complex building of IIT Jodhpur.							
Schedule of Quantity							
Percentage rate BoQ							
Name of contractor: -							
S. No.	Item Description	Quantity	Unit	Total Estimated Cost in Rs. P	Quoted percentage ( $\pm$ )	Quoted amount in Rs. P	Quoted Amount in Figures
1	Supply, Fixing, Connecting and Commissioning of LED flood lights along with M S poles, Feeder pillar panel etc. as required for 1 each court of Basketball, Volleyball and Lawn Tennis court at Sports complex building of IIT Jodhpur	1.00	Nos	8,71,580.00			