



# Indian Institute of Technology Bhubaneswar

Samantapuri, Bhubaneswar-751 013

Tel: +91-674-2301982 Fax: +91-674-2301983

Web: [www.iitbbs.ac.in](http://www.iitbbs.ac.in)

## ENGINEERING CELL

### QUOTATION CALL NOTICE

No.IITBBS/SE/Engg.Cell/030/12-13

dt.24.09.2012

The Superintending Engineer, IIT BBS invites, for & on behalf of BOG, Indian Institute of Technology Bhubaneswar, sealed item rate quotations in two bids from approved and eligible contractors of CPWD and those of appropriate class of contractors enlisted in BSNL/MTNL, Department of Post, MES, Railways, State PWD of Odisha up to 3.00 P.M. on dt.01/10/2012 for the following work.

**Name of Work: Electrification of CIF Room No 01 & 02, A1 Block of Toshali Plaza, Satyanagar, IIT Bhubaneswar**

Estimated Cost (in Rs.)	Earnest Money (in Rs.)	Time of Completion	Last date & time of receipt of application	Last date for sale of tender documents	Date and time of opening of tenders
2,14,109/-	4282/-	15 Days	01/10/2012 up to 3.00pm	01.10.2012 Download from website	01/10/2012 at 4.00pm

Quotation documents can be downloaded from website [www.iitbbs.ac.in/](http://www.iitbbs.ac.in/) [www.iitbbs.gov.in](http://www.iitbbs.gov.in)

The earnest money can be made in Deposit at Call Receipt of a Scheduled Bank/fixed deposit receipt of a Scheduled bank/Demand draft of a scheduled bank issued in favour of REGISTRAR, IIT Bhubaneswar payable at Bhubaneswar. The FDR shall be accepted only if it is valid for a period of SIX months or more after the last date of receipt of the tender.

Intending eligible quotationers must enclose PRE QALIFICATION documents i.e attested true copies of original documents such as valid Registration, Sale tax / VAT Registration certificate for works contract, EPF Certificate, PAN, experience certificates, partnership deed etc, along-**with EMD and a crossed demand draft** of Rs. 500/-from any scheduled Bank in favour of REGISTRAR, IIT Bhubaneswar payable at Bhubaneswar towards tender fee in a sealed ENVELOPE marked ENVELOPE-1.

The downloaded Quotation document duly filled up, signed and stamped by quotationers on each page i.e. PRICE BID must be enclosed in a sealed ENVELOPE marked ENVELOPE 2. The envelopes marked 1 and 2 must be enclosed in a separate envelope marked TENDER DOCUMENT for **Electrification of CIF Room No 01 & 02, A1 Block of Toshali Plaza, Satyanagar, IIT Bhubaneswar**

**The sealed ENVELOPE 1 containing EMD, Tender Fee and pre qualification documents will be opened first. The sealed ENVELOPE 2 i.e. Price Bid of quotationers will only open whose documents in ENVELOPE 1 are found in order.**

The department reserves the right to reject any prospective application without assigning any reason.

AEE (E)

Superintending Engineer

## SCHEDULE

**Name of the work:**      **Electrification of CIF Room No 01 & 02, A1 Block of Toshali Plaza,  
Satyanagar, IIT Bhubaneswar.**

SI No	Description	Unit	Qty	Rates	Amount in Rs.	
					In Fig.	In words
1	Supply and laying of armoured cable of PVC insulated and PVC sheathed / XLPE aluminium Conductor cable of 1.1KV Grade (Make - CCI, Poly Cab, KEI)					
1.a	50sq. mm 3.5 core	Metre	25			
1.b	25 sq. mm 4 core	Metre	40			
2	Supplying and making end termination with brass compression gland and aluminum lugs for following size of PVC insulated and PVC sheathed / XLPE aluminum conductor cable of 1.1 KV grade as required. (Male Dowells)					
2.a	3½ X 50 sq. mm (35mm)	Each	2			
2.b	4 X 25 sq. mm (28mm)	Each	2			
2.c	8 SWG GI Wire	Kg	35			
3	Supplying and fixing of following ways surface/ recess mounting, vertical type, 415 volts, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's (but without MCB's and incomer ) as required . (Make - Hagger, Legrand, Indo Asian)					
	8 way (4 + 24), Double door	Each	1			
4	Providing and fixing following rating and breaking capacity MCCB in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required. (Make - Hagger, Legrand, Indo Asian)					
	125 Amp, 16 KA	Each	1			

SI No	Description	Unit	Qty	Rates	Amount in Rs.	
					In Fig.	In words
5	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) (Make - Hagger, Legrand, Indo Asian)					
	8 way (4 + 24), Double door	Each	2			
6	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)(Make - Hagger, Legrand, Indo Asian)					
	2 + 4 way, Double door	Each	1			
	2 + 4 way, Single door	Each	5			
7	Supplying and fixing DP sheet steel enclosure on surface/ recess along with 25/32amps 240 volts "C" curve DP MCB complete with connections, testing and commissioning etc. as required.(Make - Havels, Lignards, Indo Asian)	Each	6			
8	Supplying and fixing of following amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. (Make - Hagger, Legrand, Indo Asian)					
8.a	MCB 63 A (TPN)	Each	2			
8.b	MCB 63A (TP)	Each	2			
8.c	MCB 40 A (TPN)	Each	5			
8.e	MCB 32A (TPN)	Each	3			
8.f	MCB 25A (TPN)	Each	2			
8.g	MCB 32A (DP)	Each	4			
8.i	MCB 25A (SP)	Each	8			
8.j	MCB 10A (SP)	Each	7			

SI No	Description	Unit	Qty	Rates	Amount in Rs.	
					In Fig.	In words
9	Wiring for circuit/ sub main wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit(white) as required (Make - Finolex, PolyCab, V- Guard)					
9.a	4 X 16 sq. mm + 2 X 16 sq. mm earth wire	Meter	5			
9.b	4 X 10 sq. mm + 2 X 10 sq. mm earth wire	Meter	50			
9.c	4 X 6 sq. mm + 2 X 6 sq. mm earth wire	Meter	10			
9.d	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	Meter	20			
9.e	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	Meter	155			
9.f	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	Metre	185			
10	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit(White), with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required. (Make - Finolex, PolyCab, V- Guard)					
	Group C	Point	40			
11	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required. (Make - Havels, Lignards, Indo Asian)	Each	6			
12	Supplying and fixing metal box of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including					

SI No	Description	Unit	Qty	Rates	Amount in Rs.	
					In Fig.	In words
	painting etc as required.					
12.a	250 mm X 300 mm X 60 mm deep	Each	3			
12.b	200 mm X 250 mm X 60 mm deep	Each	2			
12.c	200 mm X 150 mm X 60 mm deep	Each	6			
12.d	100 mm X 100 mm X 60 mm deep	Each	3			
13	Supplying and fixing following piano type switch, socket, Indicator, Electronics Regulator on the existing switch box/ cover including connections etc. as required. (Make - Anchor, Cona)					
13.a	5/6 amps switch	Each	31			
13.b	3 pin 5/6 amp socket outlet	Each	31			
13.c	15/16 amp switch	Each	11			
13.d	6 pin 15/16 amp socket outlet	Each	14			
13.e	6A Indicator	Each	6			
13.f	5A, Electronic Socket type smooth regulator	Each	2			
14	Supply of wall mounted fan Model No windflow of GE make or equivalent of Bajaj, Khaitan, Usha, Almonard, Polar.	Each	4			
15	Supply and fixing new generation CFL luminaries including lamp with white white powder coated CRCA sheet steel housing with aluminium anodised reflector and powder coated baffles of Bajaj BMR 218 CFL WEBS or equivalent Philips, CG, Wipro.	Each	18			
16	Supply and fixing of recess mounted dichronic halogen downlighter including transformer and lamp. Model no WCQ 21150 & WBX 1350 of Wipro Make or equivalent Philips, Bajaj, CG.	Each	4			
17	Supply and fixing of Display Light indication on white fiber with red color display including 14W CFL or LED Lamp	Each	1			
Total (in figure)						
Total (in word)						

## **TERMS AND CONDITIONS:**

01. **Scope of works:** Details enclosed at schedule.
02. **Taxes and Duties:** The price mentioned in the schedule is inclusive of all taxes and duties, royalty of whatever nature, octroi, other local taxes etc if any, including works contract tax. Nothing extra is payable beyond the contract value.
- 03 **Time of completion:** Time is the essence of the contract. The entire scope of work shall be completed within 15(fifteen) days from the date of issue of the work order.
04. **Specification:** The execution of work offered must be as per the specifications approved by the Engineer-in-Charge.
05. **Terms of Payment:** The payment shall be made as per actual measurement/actual counting after successful completion of the work.
06. **Security Deposit and EMD:** Security deposit @ 10% of the Gross amount of the bill shall be deducted from all running account and final bills and will be kept as security deposit in IIT Bhubaneswar. EMD will be adjusted in R/A bill towards security. S.D can be released after successful completion of work and completion of the defect liability period of six months from the date of completion of work.
07. **Electrical Contract License, and E.P.F:** The contractor/firm has to get suitable contract license and Employment Provident Fund Numbers and maintain all accounts regarding these as per Govt. of Odisha/Govt. of India rule.
08. **Liquidated Damage:** Liquidated damage @ 0.5% (Half percent) on the value of work lagging behind per week of delay in delivery and completion shall be levied subject to maximum 10% of Contract price.
09. **Paying Officer:** Assistant Registrar (F&A), IIT Bhubaneswar.
10. **Pollution Control Measures:** Contractor/firm have to follow all rules of Pollution control Board of Orissa and maintain the work sites as per ISO-14001 norm/procedure.
11. **Labour License** The Quotationer has to abide by the labour rules & regulations as per the Govt. of Odisha /Govt. of India.
12. **Safety Rules:** - Safety rules & IE rules to be followed strictly while carrying out the whole work. The Institution does not hold responsible for any untoward situation arised there on due to violation of rules and negligence.

SIGNATURE OF CONTRACTOR  
(With Seal)

AEE (E)

Superintending Engineer(C)  
IIT Bhubaneswar