



वाष्कोस लिमिटेड
WAPCOS LIMITED

(भारत सरकार का उपक्रम)
जल संसाधन, नदी विकास व गंगा संरक्षण मंत्रालय
(A Government of India Undertaking)
Ministry of Water Resources, River Development & Ganga Rejuvenation

ISO 9001: 2008

- Consultancy Services
- Engineering, Procurement & Construction (EPC)

NIT No.: WAP/ENVT/H-3082/CSEZ/2018-19/34; Dated 14.03.2019

NOTICE INVITING TENDER (NIT)

for

**INTERNAL ELECTRIFICATION WORKS
FOR CONSTRUCTION OF SDF AT PLOT NO.3 IN CSEZ**

WAPCOS Limited
(A Government of India Undertaking)
Project Office, Cochin Special Economic Zone,
CSEZ Administrative Building,
Kakkanad, Cochin – 682 037
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VOLUME II
FINANCIAL BID

LETTER OF TRANSMITTAL FOR FINANCIAL BID

To

The Team Leader,

WAPCOS Limited CSEZ Project Office, CSEZ Admin. Building,
Kakkanad, Cochin, Kerala—682037; Phone: +91-484-2413544

Subject: Financial Bid for “ Internal Electrification Works for Construction of SDF at Plot No.3 in CSEZ”

Sir,

With reference to your NIT document dated 11.03.2019, I/we, having examined the Bidding Documents and understood their contents, hereby submit my/our Bid for the aforesaid Project.

The Bid is unconditional and unqualified.

1. I / We acknowledge that the WAPCOS will be relying on the information provided in the BID and the documents accompanying the BID for selection of the Contractor for the aforesaid Project, and we certify that all information provided in the Bid are true and correct; nothing has been omitted which renders such information misleading; and all documents accompanying the BID are true copies of their respective originals.

2. The BID Price has been quoted by me / us after taking into consideration all the terms and conditions stated in the NIT, draft Agreement, our own estimates of costs and after a careful assessment of the site and all own the conditions that may affect the project cost and implementation of the project.

3. I/ We acknowledge the right of the Authority to reject our BID without assigning any reason or otherwise and hereby waive, to the fullest extent permitted by applicable law, our right to challenge the same on any account whatsoever.

4. In the event of my/ our being declared as the Selected Bidder, I/we agree to enter into an Agreement in accordance with the draft that has been provided to me/us prior to the BID Due Date. We agree not to seek any changes in the aforesaid draft and agree to abide by the same.

5. I / We shall keep this offer as specified in the NIT.

6. I / We hereby submit our BID and offer a BID Price of Rs.
(Rs.....in words) excluding GST for undertaking the aforesaid Project in accordance with the Bidding Documents and the Agreement.

Yours faithfully,

(Signature, name and designation of the Authorized signatory)

Name and seal of Bidder

Date:

Place:

Bill of Quantities

Internal Electrification Works for Construction of SDF at Plot No.3 in CSEZ

Item No.	Description of Items	Qty	Unit	Rate* (Rs.)		Amount (Rs.)
				In figures	In words	
	<u>Sub Head 1 -Wiring</u>					
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required					
	Group C	320	Point			
2	Point/exhaust fan point/ call bell point (without independent switch etc.) with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed PVC conduit, and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc. as required.					
	Group C	510	Point			
3	Wiring for circuit/ sub main wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.					
a	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	2500	Metre			
b	4 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	1000	Metre			

Item No.	Description of Items	Qty	Unit	Rate* (Rs.)		Amount (Rs.)
				In figures	In words	
c	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	2200	Metre			
d	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	100	Metre			
e	4 X 10 sq. mm + 2 X 6 sq. mm earth wire	100	Metre			
4	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required. Each 495	160	Each			
5	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch, connections etc. as required.	44	Each			
6	SENSOR - Supply, installation, testing and commissioning of 360-degree standard of movements sensor having adjustment of lux level and time delay etc. as required (make: Hager, Legrand, Lutron)	83	Each			
7	SITC of 12W LED square type light surface mounted luminaire, prewired complete with all necessary accessories as required (Philips SM200C LED 4000 PSU OD WH or equivalent of Trilux or Disano make)	370	Each			

Item No.	Description of Items	Qty	Unit	Rate* (Rs.)		Amount (Rs.)
				In figures	In words	
8	SITC of 14 W LED Circular light recess mounted luminaire, prewired complete with all necessary accessories as required (Philips DN 393B LED 12S 4000 PSU WH or equivalent of Trilux or Disano make)	390	Each			
9	SITC of 9 W LED wall mounted bulk head light fixture other accessories etc.as required (Philips WT202W LED6S NW S2 PC or equivalent of Trilux or Disano make)	56	Each			
10	Supply, installation, testing and commissioning of 300 mm sweep, 900 rpm medium duty exhaust fan with louvre in existing opening including making good the hole to suit the size of the above fan complete with connections using 3 core 1.5 sq.mm PVC sheathed and PVC insulated multi core copper conductor cable etc as required. (Make: Usha/ Crompton/ Almonard)	55	Each			
11	Supply, Installation, testing & commissioning of 5 star rated 1200 mm sweep ceiling fans without regulators of following sizes including wiring the down rod of standard length (up to 30cms) with 1.5 Sq. mm PVC insulated copper conductor, single core cable etc as required.	11	Each			
12	Supplying and fixing stepped type electronic fan regulator (2 module) on the existing modular plate switch box including connections but excluding modular plate etc. as required.	11	Each			

Item No.	Description of Items	Qty	Unit	Rate* (Rs.)		Amount (Rs.)
				In figures	In words	
13	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral including earthing etc. as required. (But without bus bar, earth bar, din bar, interconnections, powder painted MCB/RCCB/ Isolator					
	4 way (4 + 12), Double door	13	Each			
14	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, 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)					
a	16 way, Double door	1	Each			
b	12 way , Double door	2	Each			
c	8 way , Double door	11	Each			
15	Supplying and fixing ,following in the existing MCB DB complete with connections, testing and commissioning etc. as reqd. (same make of DB)					
a	32A FP 100 mA RCBO	13	Each			
b	25A DP MCB	1	Each			
c	25A DP 30mA RCBO (2 Module)	13	Each			
d	25A 4 NO power contactor	2	Each			

Item No.	Description of Items	Qty	Unit	Rate* (Rs.)		Amount (Rs.)
				In figures	In words	
e	25A 2 NO power contactor	11	Each			
f	15 Amp MCB	156	Each			
g	6 Amp. MCB	68	Each			
<u>Sub Head 2: Earthing and Lightning Protection</u>						
16	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required	10	Each			
17	Providing and fixing of lightning conductor finial, made of 25 mm dia 300 mm long, Copper tube, having single prong at top, with 85 mm dia 6 mm thick copper base plate including holes etc. complete as required	10	Each			
18	Jointing copper tape (with another copper tape, base of the finial or any other metallic object) by riveting / nut bolting/ sweating and soldering etc as required	10	Each			
19	Providing and fixing tinned copper tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required (For horizontal run)	600	Meter			
20	Providing and fixing tinned copper tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required (For vertical run)	500	Meter			

Item No.	Description of Items	Qty	Unit	Rate* (Rs.)		Amount (Rs.)
				In figures	In words	
21	Providing and fixing testing joint, made of 20 mm X 3 mm thick tinned copper strip, 125 mm long, with 4 nos. of S.S bolts, nuts, chuck nuts and spring washers etc. complete as required.	10	Each			
22	Providing and laying tinned copper tape 32 mm X 6 mm from earth electrode directly in ground as required	100	Meter			
<u>Sub Head 3: Aviation Obstruction Lights</u>						
23	Low intensity single dome Aviation lights with LED lamp suitable for 230 V AC including all accessories, controller etc.	1	Each			
24	3C x 2.5 sq mm PVC insulated PVC sheathed copper conductor armoured cable for Aviation lamp	100	Meter			
Total Amount						

*Rates quoted should be exclusive of GST, CSEZ Authority, being a developer is exempted from payment of GST.