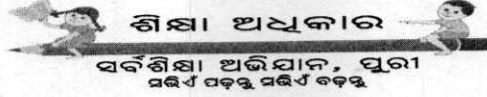


**DISTRICT PROJECT OFFICE,
RTE-SARVA SHIKSHA ABHIYAN, PURI**

Phone: 06752-229275

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Letter No: 421

File No: XXIIV/01/CA/12


Date: 6/3/19

TENDER CALL NOTICE

Sealed tenders are invited in prescribed proforma from the reputed electrical contractors / sub contractors / authorized firms / Manufacturers to undertake the electrical wiring work, supply and installation of 1 KVA Online UPS, 5 KVA Servo Stabiliser and supply and installation of Desktops in 18 nos. of Upper Primary Schools of Puri District. The sealed tender papers will be received at the District Project office, RTE-SSA, Puri on any working day till 09/04/19 **upto 2 PM** through speed post/ registered post / courier or can be submitted in the drop in box kept in DPO, RTE-SSA, Puri. The same will be opened on 09/04/19 at **4.00 PM** in the office of the undersigned in presence of the bidders/ their authorized representatives & office functionaries. The office will not be held responsible for any kind of postal delay. The tender must be accompanied with processing fees and EMD (For Each Group) in shape of Account Payee Demand Draft/ Pay Order in favour of the District Project Coordinator, RTE-SSA, Puri payable at any Nationalized Bank at Puri.

The undersigned reserves the right to accept or reject any or all the tenders without assigning any reason thereof. The detailed specification, proforma and term and conditions are available on the website i.e. www.puri.nic.in & www.opepa.odisha.gov.in.

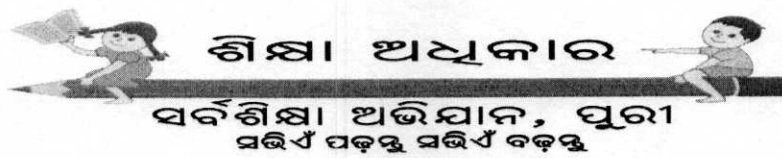
By Order of Collector & Chairman, RTE-SSA


District Project Coordinator, RTE-SSA, Puri

BID DOCUMENT

FOR

**SUPPLY AND INSTALLATION OF DESKTOP,
PREPARATION OF COMPUTER LAB, SUPPLY AND
INSTALLATION OF 1 KVA ONLINE UPS AND 5 KVA
SERVO STABILISER**



DISTRICT PROJECT OFFICE, RTE-SSA, PURI

GROUP - A
SPECIFICATION FOR PREPARATION OF COMPUTER LAB IN 18 NOS OF CAL
SCHOOLS

ESTIMATE FOR ELECTRIFICATION WORK IN CAL SCHOOLS				
Sl. No	Item	Required Qty.	Unit	Rate Quoted per unit
1.	Recessed wiring to sub main in 2 x 2.5 sq.mm FR PVC insulated single core multi standard copper conductor of ISI marked confirming to IS-694/1990 in 20 mm dia non-metallic heavy duty flexible conduit 1.6 mm thick along with 1 x 1.5 sq.mm FR PVC insulated single core multi standard copper conductor as earth wire as required. (Make of wire Finolex/ L&T/ Anchor/ Havells/ V Guard)	10	Mtr.	
2.	Recessed wiring to light point / fan point / exhaust fan point / (Avg 4 mtr length) with 1.5 sq.mm FR PVC insulated single core multi standard copper conductor of ISI marked with 20 mm dia non-metallic PVC flexible conduit with 5 Amp, 250 V piano type switch ISI marked and ceiling rose ISI marked mounted on MS box having front Bakelite cover of suitable size , MS box with 1.0 sq.mm FR PVC insulated single core multi standard copper conductor as earth wire including all accessories and connection as per direction of Engineer in Charge. (Make of wire Finolex / L&T / Anchor / Havells / V Guard)	5	Nos.	
3.	Recessed/surface wiring to switch board in 2 x 1.5 sq.mm FR PVC insulated single core multi standard copper conductor of ISI marked confirming to IS-694/1990 in 20 mm dia non-metallic heavy duty flexible conduit 1.6 mm thick along with 1 x 1.00sq.mm FR PVC insulated single core multi standard copper conductor as earth wire as required. (Make of wire Finolex/ L&T/ Anchor/ Havells/ V Guard)	15	Mtr	
4.	Supplying and fixing of 16/18 SWG metal box of 200 mm x 150mm x 100 mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including cutting the wall and making good the same in case of recess conduit as required including supply & fixing of 3 nos S.P. 5 / 6 amp one way switch piano type (Make-Anchor / Cona) switch and 3 nos S.P. 5 / 6 amp socket out let piano type (Make- Anchor / Cona) socket on the existing switch box / cover including connections etc as required.	3	Nos.	
5.	Supplying and fixing of S.P. 15 / 16 amp one way switch piano type (Make-Anchor / Cona) on existing switch box / cover including connections etc as required.	1	Nos.	

Sl. No	Item	Required Qty.	Unit	Rate Quoted per unit
6.	Supplying and fixing of S.P. 15 / 16 amp one way socket piano type (Make-Anchor / Cona) on existing switch box / cover including connections etc as required.	1	Nos.	
7.	Installation, Testing and Commissioning of pre-wired fluorescent fitting / compact fluorescent fitting of all sizes complete with all accessories and tube etc. directly on ceiling wall, including connection with 1.5 sq.mm FR PVC insulated single core multi standard copper conductor and earthing as required. (including cost of light)	2	Nos.	
8.	Installation, Testing and Commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq.mm FR PVC insulated single core multi standard copper conductor etc. as required. (including cost of fan)	2	Nos.	
9.	Installation, testing and commissioning of exhaust fan up to 450 mm sweep in the existing opening,including making the hole to suit the size of the above fan, making good the damage complete,connection, etc. as required. (including cost of fan)	1	Nos.	
10.	Supply and fixing of 5 AMP to 32 amp rating 240 V "B" series miniature circuit breaker suitable for lighting and other loads of the following poles in the existing MCB DB ISI marked complete with connections testing and commissioning etc. as required.	1	Nos.	
11.	Providing and fixing 8 SWG (4 mm) dia copper wire on surface or in recess for loop earthing as required.	6	Mtr.	
12.	Earthing with copper earth plate 600 mm x 600mm x 3.15 mm thick ISI marked including accessories and providing masonry with cover plate having locking arrangement and watering pipe etc (But without charcoal and salt) as required.	1	Nos.	

GROUP - B
SPECIFICATION FOR SUPPLY AND INSTALLATION OF 1 KVA
ONLINE UPS TO 18 NOS OF CAL SCHOOLS

Brand : NUMERIC \ UNILINE \ LUMINOUS \ APC\EMERSON

Parameter	Specification	Complied Yes / No	Rate Quoted
UPS Rating	1KVA / 800 W		
UPS Type	True Online Double Conversion UPS system with IGBT based rectifier.		
Input Voltage	UPS having Single phase input with the Voltage Range 110V to 280VAC based on load.		
Input Power Factor	>= 0.99 for 100% load.		
Input Frequency	40Hz to 70Hz		
Output Voltage	200/208/220/230/240 V Single Phase with ±1%		
Output Frequency	50 Hz or 60Hz +/- 0.1 Hz		
Output	<= 3% for Linear Load		
LCD Display	UPS Should be LCD Status Display		
Efficiency	88% AC Mode		
Crest Factor	3:1		
Waveform	Pure Sine Wave		
Over Voltage Cut off Device	Should be inbuilt into the UPS System		
Battery Block	3 nos. SMF battery		
Battery Bank	Battery bank will be suitable for around 60 mins battery backup require minimum 1500 VAH. Battery type will be SMF VRLA only. Battery Make Exide / Quanta.		
Alarm	Battery Mode, Low Battery, Overload, Fault.		
Environment	Humidity 20-90% RH @ 0-40°C (Non Condensing) . Noise level : < 50dB @ 1mtrs.		
Special Protection	10 kA Surge Protective Device with response time of < 0.5 nano seconds UL listed will have to provided at the Input of the UPS system		
Intelligent Monitoring Slot	UPS should have incorporated with Smart RS-232 / USB along with option for SNMP module.		

Certificates Required: -

UPS Manufacturer's ISO 9001:2008 certificate

UPS Manufacturer's ISO 14001 certificate

GROUP - C

SPECIFICATION FOR SUPPLY AND INSTALLATION OF 5KVA SERVO STABILISER TO 18 NOS OF CAL SCHOOLS

BRAND: POWERSTAB/ SAKTI/ LEOTRONIC/ VIKRANT/ PATRIOT / V GUARD / MICOTECH

Sl. No	Specification	Complied (Yes/ No)	Rate Quoted
1.	CAPACITY-5KVA		
2.	Input Voltage - 90V - 280V (IØ)		
3.	Output Voltage - 230v±1%		
4.	Output Rating- 20AMP (For 5Kva Stabilizer)		
5.	Input Frequency Range- 50HZ±3%		
6.	Type Of Installation- Indoor		
7.	Type Of Enclosure- Closed Type		
8.	Type of Cooling - OIL Cooled		
9.	Operation - Servo Control Motor		
10.	No Load Losses - Not More Than 3%		
11.	Load Losses - 5% to 7%		
12.	Power Supply- Single -Phase Input/ Single-Phase Output		
13.	Regulation - 1%		
14.	Efficiency - 96%		
15.	Paint - Powder Coated		
16.	Carbon Brush - Strip/Angular Brush		
17.	Correction Rate - Max 32 Volt/Sec		
18.	Protection -		
	A) Over Load Protection		
	B) Over Under Voltage Cut-Off		
	C) Single Phasing Preventer		
	D) Short Circuit Protection		
19.	Input MCB Switch		
20.	Inbuilt Volt Meter & Ampere Meter		

GROUP - D
**SPECIFICATION FOR SUPPLY AND INSTALLATION OF 54 NOS OF
DESKTOPS TO 18 NOS OF CAL SCHOOLS (3 NOS. EACH)**

Make: HP/ Dell

Processor Make- Intel, Processor Generation- 6th/7th, Processor- Intel Pentium G4560 (3.5 GHz, 3 MB Cache, 2 Cores), Chipset - Inter H110, Expansion Slot (PCIe x 1) - 1, Expansion Slots (PCIe x 4) - 0, Expansion Slots (PCIe x 16) (Number) - 1, Graphics Type - Integrated, Graphic Memory - Not Applicable, Operating System - Preloaded Windows 8.1/10 or higher, RAM - DDR4 - 4 GB, RAM Expandability - 16 GB Facility, RAM Speed - 2400, Harddisk Drive - 1 TB, Cabinet - Tower/ Small Form Factor, Cabinet Volume in liters- 8.4, Internal Bays - 2, External Bays- 1, DIMM Slot - 2, Connectivity - Wi-Fi 802.11ac + Bluetooth, Network Connectivity - 10/ 100 /1000 on board Integrated Gigabit Port, USB Port 2.0-4, USB Port 3.0-2, VGA & HDMI-Yes, Monitor - 19.5 inch, Monitor Resolution - 1366 X 768 Pixel, Monitor Certification - TCO 7.0, Power Supply - 190 watt, Power Efficiency - 85%, Keyboard - USB based Standard, Mouse - Optical, Internal Speaker - Yes, Onsite warranty - 3 Years, Certification - ROHS Compliance, BEE / Energy Star

TERMS & CONDITION FOR GROUP-A, GROUP-B AND GROUP-C:

Group:-A

Processing Fees (Cost of the Tender Paper): Rs.5000/- (Five Thousand) - Non Refundable

Earnest Money Deposit Fees: Rs.50000/- (Fifty Thousand) -Refundable

Encl: Schools list (9 nos. of Schools of Puri District)

Group:-B

Processing Fees (Cost of the Tender Paper): Rs.5000/- (Five Thousand) - Non Refundable

Earnest Money Deposit Fees: Rs.50000/- (Fifty Thousand) -Refundable

Encl: Schools list (18 nos. of Schools of Puri District)

Group:-C

Processing Fees: Rs.5000/- (Five Thousand) - Non Refundable

Earnest Money Deposit Fees: Rs.50000/- (Fifty Thousand) -Refundable

Encl: Schools list (18 nos. of Schools of Puri District)

Group:-D**Processing Fees:** Rs.5000/- (Five Thousand) – Non Refundable**Earnest Money Deposit Fees:** Rs.50000/- (Fifty Thousand) –Refundable**Encl:** Schools list (18 nos. of Schools of Puri District)

- The materials will be supplied as per quotation as per quotation.
- The materials should be supplied to school point as per work order.
- The bidder/ tenderer should contact to MIS-cum-Planning Coordinator of the block for supply and installation of the materials.
- The payment will be made after receiving and installation of items as per specification or higher at School point.
- The tenderer will mentioned the term of warranty of all items which will be supplied to School point.
- The rate quoted should be inclusive of all taxes, installation, labour charges, other levies and transportation charges to the destination and nothing will be paid extra.
- The rate approved will remain valid for one year, any increase and decrease in rates will not be entertained.
- The supply and installation of the items should be done within 30 days from the date of issue of the work order.
- If the work will not be completed within due date of the work Order, 2% penalty will be charged per week and subject to maximum 8% of the purchase order value.

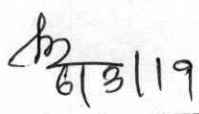
School List:

Sl. No.	BLOCK/ULB	U-DISE CODE	NAME OF THE SCHOOL	Year
1	ASTARANG	21180103802	NAGAPUR NODAL UPS	2016-17
2	ASTARANG	21180105801	BALIPANTAL UG UPS	2017-18
3	BRAHMAGIRI	21180201601	BIJIPUR UG UPS	2016-17
4	DELANG	21180306001	MACHHAPADA NODAL UPS	2016-17
5	GOP	21180411704	GANESWARPUR NODAL UPS	2016-17
6	GOP	21180409701	KADAMBAPATNA UG UPS	2017-18
7	KAKATPUR	21180510702	OTHAKA UG UPS	2016-17
8	KAKATPUR	21180509703	RASULPUR UG UPS	2017-18
9	KANAS	21180606709	MANDARBASTA NODAL UPS	2016-17
10	KANAS	31180606801	BENAGAON UG UPS	2017-18
11	KRUSHNAPRASAD	21180709201	BRAHMANDEO UG UPS	2017-18

12	NIMAPARA	21180800401	MANIJANGA NODAL UPS	2016-17
13	NIMAPARA	21180815302	NARAYANI NODAL UPS, BANTUGRAM	2017-18
14	PIPILI	21180900402	SASTRIJEE NODAL UPS	2017-18
15	PURI MPL	21181501702	KUNDHEIBENTASAHI PROJECT UPS	2016-17
16	PURI SADAR	21181004403	DAMODARPUR UG UPS	2017-18
17	SATYABADI	21181107601	GOPALPURPATNA UG UPS	2016-17
18	SATYABADI	21181107004	NUA SOMESWARPUR UPS	2017-18

DOCUMENTS REQUIRED

- Photocopy of Electrical License / Authorization of Electrical License
- Photocopy of authorization certificate of Brand Mentioned
- Photocopy of OCAC Empanel list Service Provider
- Photocopy of Empanel list of NIC
- Photocopy of NSIC Certificate Holder
- Photocopy of DIC/MSME Registration Certificate
- Photocopy of ISO Certificate
- Photocopy of Dealership Certificate
- Photocopy of VAT Clearance Certificate
- Photocopy of General Service Tax
- Photocopy of Service Tax
- Photocopy of EPF Registration for the employees and its return
- Photocopy of Income Tax Return for last three years
- Photocopy of the Govt. work order for the year 2016-17 & 2017-18
- The bidder shall bid for single group or all groups. Preference will be given to the firm/ manufacture who is applied for more than one groups.
- The bidder/ tenderer shall submit the Processing fee & Earnest Money Deposit (EMD) in shape of Bank Draft/ Payee Order for each group separately and payable at any Nationalized Bank at Puri.
- Tenderes shall sign each page of bid document and document required for participation in Tender.


 District Project Coordinator, RTE-SSA, Puri