

[GROUP-C] [NOWRANGPUR + KORAPUT + KALAHANDI] DISTRICT

THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.
JANAPATH, BHOINAGAR, BHUBANESWAR – 22.



[Electrical Division]

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BID REFERENCE NO: -26/JM / ELECT / OPHWC/ 2019-20

Name of the Bidder :-

PRICE BID FOR [GROUP-C] [NOWRANGPUR + KORAPUT + KALAHANDI] DISTRICTS DESIGN, SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF 08 KW. OFF-GRID SOLAR PV SYSTEM (GROUND MOUNTED) WITH 6 HR. POWER BACK UP AND COMPREHENSIVE MAINTENANCE CONTRACT FOR A PERIOD OF 05(FIVE) YEARS AT 14 LOCATIONS IN THE DISTRICT OF [NOWRANGPUR + KORAPUT + KALAHANDI]			
NAME OF THE LOCATIONS			
C1.	COB location at Kudei in the district of Nabarangpur.	C8.	Narayanpatna (68 Bn BSF) in the district of Koraput.
C2.	COB location at Phutanada in the district of Nabarangpur.	C9.	Boipariguda (13 Bn BSF) in the district of Koraput.
C3.	COB location at Jharigaon in the district of Nabarangpur.	C10.	Boipariguda (HQ 13 Bn BSF) in the district of Koraput.
C4.	COB location at Chandahandi in the district of Nabarangpur.	C11.	Machhakund (13 Bn BSF) in the district of Koraput.
C5.	Nabarangpur (15 th BN HQ) in the district of Nabarangpur.	C12.	Kumbariput (68 Bn BSF) in the district of Koraput.
C6.	Podapadar (195 Bn BSF) in the district of Koraput.	C13.	THQ Laxmipur (195 Bn BSF) in the district of Koraput.
C7.	Bandhugaon (68 Bn BSF) in the district of Koraput.	C14.	COB location at Gunpur in the district of Kalahandi.

Signature with seal of the Bidder.

SCHEDULE OF WORK FOR 01 NO. LOCATION

SL.NO	ITEMS	MAKE	SPECIFICATION	QUANTITY	QUOTED AMOUNT EXCLUSIVE OF GST FOR 01. NO. LOCATION
1	SOLAR PV PANEL	VIKRAM / WARREE / JAKSON/ MNRE APPROVED MAKE	325 Wp / 330 Wp / 335 Wp (72 CELL)	25NOS.	
2	SOLAR PCU	STATCON / CONSULE NEOWAT / STUDDER / OUTBACK / SWLECT / MNRE APPROVED MAKE	((8KW/10 KVA) 1PH. WITH REMOTE MONITORING	01 NO.	
3	SOLAR BATTERY	EXIDE/NED ENERGY/AMARA RAJA. BATTERIES SHALL HAVE TO BE APPROVED BY ERTL/CPRI/OTHER MNRE APPROVED TEST CENTRE	7.2 Vah/Wp, 2V, C10 BATTERY BANK WITH VRLA GEL TYPE TUBULAR MAINTENANCE FREE BATTERY	AS PER DESIGN	
4	ARRAY JUNCTION BOX DCDB-DCDB	MCB-LEGRAND / REPUTED IP-65 WITH DCSPD	AS PER DESIGN	01 NO.	
5	SINGLE PHASE ACDB WITH LOAD LIMITER UP TO 8 KW	MCB-LEGRAND / REPUTED IP-65 ACSPD	AS PER DESIGN	01 NO.	
6	HRC FUSE WITH BOX	125 A, 400 A [L&T/REPUTED MAKE] IP-65	125 A, 400 A IP-65	01 JOB	
7	DC CABLE (PANEL TO INVERTER)	POLYCAB / HAVELLS/FINOLE X/SIECHEM	06 SQ. MM. DC SOLAR CABLE-UV-FRS AS PER COLOUR CODE	500 MTR.	
8	AC CABLE (INVERTER TO BATTERY)	POLYCAB /FINOLEX / HAVELLS	25 SQ. MM. 1C COPPER FLEXIBLE CABLE AS PER COLOUR CODE	20 MTR.	

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9	AC CABLE (BATTERY)	POLYCAB/FINOLE X / HAVELLS	25 SQ. MM. 1C COPPER FLEXIBLE CABLE AS PER COLOUR CODE	10 MTR.
10	AC CABLE	POLYCAB/FINOLE X / HAVELLS	10 SQ.MM. 1C FRS-UV COPPER FLEXIBLE CABLE AS PER COLOUR CODE	100 MTR.
11	REQUIRED SIZE OF CABLE LUGS	REPUTED	06, 10, 16 & 25 SQ.MM.	AS PER DESIGN
12	MC-4 CONNECTORS	REPUTED		AS PER REQUIREMENT
13	STRUCTURE FOR SOLAR MODULES INCLUDING ASSORTED SIZE OF NUT BOLTS AND ANCHOR BOLTS.	REPUTED	HOT DIP GALVANISE (50MM X 50MM X 3 MM-120 MICRON-PCC ANCHOR BOLT (8MM)-NUT BOLT 10 MM AS PER REQUIREMENT / ALUMINIUM MODULE MOUNTING STRUCTURE	01 SET (AS PER DESIGN)
14	SCREW & WALL PLUG	REPUTED	SS-PLASTIC	50 NOS.
15	EARTHING	REPUTED	GI-CHEMICAL EAERTHING SET (1.5 MTR. GI ELECTRODE)	03 NOS.
16	LIGHTNING ARRESTER	REPUTED	CU- 1.3 M /13 MM	02 NOS.
17	GI STRIP - TYPE 19 MM X 03 MM/ LA	REPUTED	19 MM X 03 MM	10 MTR.
18	INSULATOR FOR GI STRIP	REPUTED	FLAT INSULATOR AND PLASTIC INSULATOR	60 NOS.
19	CABLE TIE	REPUTED	300 MM BLACK	100 NOS.

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20	GI SADDLE AND C-CLAMP	REPUTED	25 SQ.MM.	50 NOS.
21	FLEXIBLE PIPE	REPUTED	25 SQ.MM.	AS PER REQUIREMENT
22	CABLE TRAY WITH COVER (PVC)	REPUTED	45 MM X 45MM	30 MTS.
23	FIRE EXTINGUISHER (CO 2)	REPUTED	02 K.G.	01 NO.
24	DANGER SIGN BOARD	REPUTED	AS PER DESIGN	02 NOS.
25	ALL ELECTRICAL WIRING REQUIRED FOR POWER BACK UP TO THE CRITICAL LOADS OF THE DIFFERENT BUILDINGS	WIRE – POLYCAB/FINOLE X / HAVELLS MCB – LEGRAND /REPUTED SWITCH & SOCKET - ANCHOR (ROMA)	AS PER DESIGN	01 JOB [AS PER DESIGN]
[I]	<p>QUOTED AMOUNT FOR DESIGN & SUPPLY OF MATERIALS FOR 08 KW. OFF-GRID SOLAR PV SYSTEM (GROUND MOUNTED) WITH 6 HR. POWER BACK UP AND COMPREHENSIVE MAINTENANCE CONTRACT FOR A PERIOD OF 05(FIVE) YEARS AT 14 LOCATIONS IN THE DISTRICT OF [NOWRANGPUR + KORAPUT + KALAHANDI] EXCLUSIVE OF GST.</p> <p>Rs. _____ x 14 = Rs.</p>			
[II]	<p>GST @ 5% ON SL.NO – [I] Rs. _____</p>			

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[III]	<p>QUOTED AMOUNT FOR INSTALLATION, TESTING & COMMISSIONING OF 08 KW. OFF-GRID SOLAR PV SYSTEM (GROUND MOUNTED) WITH 6 HR. POWER BACK UP AND COMPREHENSIVE MAINTENANCE CONTRACT FOR A PERIOD OF 05(FIVE) YEARS AT 14 LOCATIONS IN THE DISTRICT OF [NOWRANGPUR + KORAPUT + KALAHANDI] EXCLUSIVE OF GST.</p> <p>Rs. _____ x 14 = Rs.</p>
[IV]	<p>GST @ 18% ON SL.NO – [III] Rs. _____</p>
[V]	<p>TOTAL QUOTED AMOUNT EXCLUSIVE OF GST = [I] + [III]</p> <p>Rs. _____</p> <p>IN FIGURE :-</p>
[VI]	<p>TOTAL QUOTED AMOUNT INCLUSIVE OF GST = [I]+[II]+[III]+[IV]</p> <p>Rs. _____</p> <p>IN FIGURE :-</p>

Signature with seal of the Bidder.

Sd/- Asst. Project Manager (Elect) Sd/- Asst. Project Manager (Elect)(Hqr) Sd/- Consultant (Elect) Sd/- Joint Manager (Elect)

Signature with seal of the Bidder.