

**Revised Financial Evaluation for the Supply & Installation of Solar Tube Wells (Basti Khokhar & Basti Jaal Wala) (RQ-1742)**

Sl#	SUPPLIER NAMES				M.K CONSTRUCTIONS				GMD SOLAR CO PVT Ltd				GEOTEC CONSULTANT SERVICES				ZEUS ENERGY PVT LTD			
	ITEMS DESCRIPTION	UNIT	REQUIRED QTY	# OF TUBE WELLS	SPECS	QTY	UNIT PRICE	TOTAL PRICE	SPECS	QTY	UNIT PRICE	TOTAL PRICE	SPECS	QTY	UNIT PRICE	TOTAL PRICE	SPECS	QTY	UNIT PRICE	TOTAL PRICE
1	TUV & CE Certified Solar Panels polycrystalline N-Type Bi-facial Jinko/JA Solar/Canadian Solar etc Grade A Tier 1.	Each			To be supplied in kind by NRSP (Solar Panel (Solar Photovoltaic (PV) Panels) Grade A Tier-1 Mono Perc Half Cut Jinko 580W Tiger Neo N-Type 72HL4-(V) 580 Watt)															
2	Solar pump controller/Inverter, Make: Lorentz GMBH/KEWO or equivalent 22KW	Each	1	2	VFD/Inverter, Make: INVT GD-100 022G-4 PV/Inverex KingPro 22KW / 30HP	2	241,200	482,400	VFD/Inverter, Make: INVT GD-100 China / ABB ACH550 Germany 22KW	2	320,000	640,000	INVT VFD 22KW/30HP	2	217,500	435,000	INVT: ED510-022C-4 INVT: GD100 022G-4-PV VIECHI: S123 05-022G-A	2	371,700	743,400
3	Solar Pump submersible 3 ph, 50Hz, AC, 20HP, Lorentz /danloss/Komax or equal	Each	1	2	Komax KP56-17/19 25HP/18.5KW	2	422,100	844,200	Komax (KP58/80/4 Pump) (KM6 mc200 motor) UAE.	2	380,000	760,000	KSB BPODS 8 Submersible Borehole Pump, KSB 6" 3PH, 220V 50Hz Submersible Motor	2	696,000	1,392,000	KOMAX / QALSEEN / FROG KOMAX: KP58-100/3	2	602,980	1,205,960
4	PV Disconnect Switch, Waive Sensor Model: 900/40A Make: Lorentz GMBH or equivalent	Each	1	2	Make: Chint / CNC / TOMZN	2	33,500	67,000	Make: Lorentz GMBH.	2	30,000	60,000	Chint 16Amp	6	22,500	135,000	Scheider / Chint / Tomzon	2	33,040	66,080
5	Electrical accessories, Cable 3 core, Cable 1 core, thimbles, flexible pipe, cable ties, connectors etc.	Set	1	2	DC Cable: GM Cable/Pakistan Cable, 3 Core Cable: Akhtar Cable/Allied Cable.	2	67,000	134,000	YES	2	100,000	200,000	FAST DC Cable 6mm, Pipe Adamjee	2	435,000	870,000	FAST/GM/Quality/Equivalent	2	336,017	672,034
6	Solar Panel Mountings: fixed pole structure Galvanized Quality ISO 90002 certified, anti-theft screw/bolt, 1.2-4 concrete mixture for structure pole foundation on ground level.	Job	1	2	YES	2	482,400	964,800	YES	2	700,000	1,400,000	Garder 5*2-1/2, Cross Pipe 1 1/2*1-1/2 and 2*2-18 Gauge	2	798,000	1,596,000	S-10 Local / AIS	2	1,453,760	2,907,520
7	Civil work for the foundation for the solar panels	Job	1	2	YES	2	33,500	67,000	YES	2	50,000	100,000	Standard (YES)	2	90,000	180,000	YES	2	99,120	198,240
8	Mechanical Accessories (Bends, Valves, HDPE and Galvanized pipe, tape nipple, joints, HDPE pipe, hanging wire etc.)	Lot	1	2	BRAND: GM Pipes	2	147,400	294,800	YES	2	210,000	420,000	Standard (YES)	2	145,000	290,000	Local (YES)	2	114,946	229,892
9	Distribution Box MS Weather/leaker proof with option to port padlock to be mounted on pole of solar panels IP 65 rating	Lot	1	2	Brand: Reliable	2	13,400	26,800	YES	2	40,000	80,000	Standard (YES)	2	67,500	135,000	Local (YES)	2	115,640	231,280
10	Earthing of Solar Panels, DB box and of VFD Machine /inverter	Job	1	2	YES	2	160,800	321,600	YES	2	70,000	140,000	Standard (YES)	2	150,000	300,000	YES	2	66,080	132,160
11	Design and Engineering, Transportation and Installation and Commissioning	Job	1	2	YES	2	201,000	402,000	YES	2	180,000	360,000	Standard 3 Strings of 14 Panels (YES)	2	490,000	980,000	YES	2	350,885	701,770
<b>GRAND TOTAL</b>							<b>3,604,600.00</b>			<b>4,160,000.00</b>			<b>6,313,000.00</b>			<b>7,088,335.20</b>				
Amount for Each Solar Tube Well with Taxes, Delivery Charges till Destination							<b>1,802,300.00</b>			<b>2,080,000.00</b>			<b>3,156,500.00</b>			<b>3,544,167.60</b>				
2% of Total Cost (Actual)							<b>72,092.00</b>			<b>83,200.00</b>			<b>126,260.00</b>			<b>141,766.70</b>				
Submitted Bid Security							<b>120,000.00</b>			<b>170,000.00</b>			<b>190,000.00</b>			<b>195,554.00</b>				
<b>DELIVERY TIME</b>							<b>4 WEEKS</b>			<b>4 WEEKS</b>			<b>4 WEEKS</b>			<b>4 WEEKS</b>				

**Recommendations:**

- Four suppliers technically qualified & open their financial proposals on 09-Sep-2024.
- As per management decision (meeting minutes attached) solar panels will be provided in kind by NRSP. Details of available panels shared with shortlisted supplier who is agree. Removed this line item from the evaluation sheet.
- Recommended to award Supply & Installation of Solar Tube Wells For Basti Khokhar & Basti Jaal Wala to M/s M.K Constructions being best option in term of technically qualified & lowest price.

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