

PROJECT :- 1 X 660 MW UPRVUNL PANKI TPS EXTN.

PACKAGE :- TRAVELLING WATER SCREEN (TWS)

ENQUIRY No. :- PE/PG/PK/E-6258/2019 Dtd. 05.07.2019

BOQ-CUM-PRICE SCHEDULE												
	DESCRIPTION OF EQUIPMENT / ITEM FOR TRAVELLING WATER SCREEN (TWS)	HSN/ SAC code	QTY	UNIT	UNIT PRICE (EX-WORKS) (Rs.)-DULY PACKED	TOTAL PRICE (EX-WORKS) (Rs.)-DULY PACKED	Freight % of total ex-works price	FREIGHT CHARGES @ OF EX WORKS PRICE (Rs.)	TYPE OF GST	RATE OF GST (%)	GST AMOUNT ON (TOTAL EX-WORKS + FREIGHT) (Rs.)	TOTAL F.O.R SITE PRICE (Rs.)
SL. NO.		1	2	3	4	5	6	7	8	9	10	11
1.0	Total price for design, manufacture, assembly, inspection, testing, packing for transportation and delivery, including mandatory spares, Supervision at Critical Erection Stages, final check up of installation, commissioning, trial run and Site testing of two (2) sets of TWS complete in all respect including all accessories & auxiliaries as specified in technical specification/NIT and as necessary including mandatory spares, commissioning spares of TWS including special tools & tackles (as required) for erection & maintenance.											
Break up of 1.0 from 1.1 to 1.5)												
1.1	Unit price for design, manufacture, assembly, inspection, packing for transportation and delivery complete in all respects including all accessories and equipment as specified in technical specification/NIT and as necessary including commissioning spares, special tools & tackles (as required) for erection and maintenance of Travelling Band Screen, compete with all accessories excluding of SI. No. 1.2, 1.3, 1.4 & 1.5.	8421	2	Sets								
1.2	Lumpsum price of complete Spray wash system consisting of pumps, self-cleaning strainers, spray wash headers, valves, debris disposal baskets etc	8421	1	Set								
1.3	Lump sum price of complete controls and instrumentation including starter cum switchgear panels, level transmitters etc.	8421	1	Set								
1.4	Lump sum price for following activity of TWS:											
1.4 a	Supervision during critical stages of Erection	99833	2	Sets								
1.4 b	Final installation checks before commissioning	99833	2	Sets								
1.4 c	Commissioning of Travelling Band Screen and its accessories	99833	2	Sets								
1.4 d	Trial run and Site Testing	99833	2	Sets								
1.5	Lump sum price of Mandatory Spares as per Annexure-A	8421	1	LOT								
TOTAL												
a) Total price of Unit prices given above at sl. No. 1.1 plus sl. No. 1.2 plus sl. No. 1.3 plus sl. No. 1.4 plus sl. No. 1.5 should tally with total price given in Sl. No. (1) of Price format												
b) Unit price quoted by bidder, as above, shall be binding for any quantity variation, which is at discretion of purchaser												
c) Price of commissioning & erection spares and other accessories not listed above shall be included in price of equipment & shall be supplied with the equipment.												
d) Indicate all taxes, duties etc. stating whether included/ excluded in above prices.												

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 Plot No. 25, Sec. 16 A, Noida - 201301

**PROJECT :- 1 X 660 MW UPRVUNL PANKI TPS EXTN.
PACKAGE :- TRAVELLING WATER SCREEN (TWS)- MAND. SPARES
ENQUIRY No. :- PE/PG/PKI/E-6258/2019 Dtd. 05.07.2019**

BOQ-CUM-PRICE SCHEDULE FOR TRAVELLING WATER SCREEN (TWS)		HSN Code	UNIT	QTY	UNIT PRICE (EX-WORKS) (Rs.)-DULY PACKED	TOTAL PRICE (EX-WORKS) (Rs.)-DULY PACKED	FREIGHT % OF TOTAL EX-WORKS PRICE	FREIGHT CHARGES @...OF EX-WORKS PRICE	TYPE OF GST	RATE OF GST (%)	GST AMOUNT ON (TOTAL EX-WORKS + FREIGHT) (Rs.)	TOTAL F.O.R SITE PRICE (Rs.)
Sl nos.	Item Description (Mandatory Spares For TWS)											
1	Measuring Instruments	1	2	3	4	5	6	7	8	9	10	11
1.1	Temperature Transmitters and Electronic Transmitters of all type, range and model no. (For Pressure, DP, Temp, Flow, Level), Process Transmitters, Radar type level transmitter, 3D type level Transmitter with local display, Magnetic/Electromagnetic flow meter with local display, mass flow meter with local display, Process meters, Junction Box, Position Transmitter, Transducer or any other instrument etc.	8421	Nos.	10% of total number of instruments/transducers offered for each model and type, rating or a minimum of one number for each model, rating and type, whichever is more								
1.2	Differential pressure Switches	8421	Nos.	5% of total nos. or 1 no. of each make, model, range and type whichever is more								
1.3	Pressure switches	8421	Nos.	5% of total nos. or 1 no. of each make, model, range and type whichever is more								
1.4	Flow switches	8421	Nos.	5% of total nos. or 1 no. of each make, model, range and type whichever is more								
1.5	Level Switches	8421	Nos.	5% of total nos. or 1 no. of each make, model, range and type whichever is more								
1.6	Local Gauges like temperature gauges, pressure gauges, differential Pressure gauges, flow gauges, flow meters with local display etc.	8421	Nos.	10% of total number of instruments/transducers offered for each model and type, rating or a minimum of one number for each model, rating and type, whichever is more								
2	415 V Motors											
2.1	Terminal plates	8421	Nos.	10 Nos. each for small motors upto 30 KW & 4 Nos. each for more than 30 KW								
2.2	Heaters	8421	Sets	2 sets								
2.3	Greasing arrangements	8421	Sets	4 sets each type of motor								
2.4	Motor of each type and rating	8421	nos.	10% of the installed quantity or minimum 1 number whichever be higher								
2.5	Bearings (DE and NDE) for each type and rating of motors.	8421	sets	4 sets								
2.6	Stator winding coils for all type of LT motors	8421	sets	One (1) set								
2.7	Dust seals and gaskets for each type of motors	8421	sets	Three (3) sets								
Note												

1. "List of Measuring Instruments as specified with individual system/ sub-system shall be applicable for the respective system. Spare list of measuring instruments which are not mentioned/specified exclusively in the list of spares.

2. Spares not applicable for the Package to be specifically quoted as "NOT APPLICABLE".

3. In case if such items of spares indicated as "not applicable" by bidder in its offer, are found applicable at a later date during execution of the project, such items of spares are to be supplied within the ordered cost of the mandatory spares.

4. Wherever % is indicated for the mandatory spares, the quantity shall be calculated for % of supply for total quantity for station, unless otherwise specified. The quantity to be reckoned for % indicated shall be rounded off to the next higher whole number. For example if the % arrived is 0.2 the quantity to be supplied shall be 1 and if the % arrived is 5.1 the quantity to be supplied shall be 6.

5. In respect of quantity mentioned as "Set" means the total quantity of all the components/items used in particular equipment unless otherwise specified.

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