

NAME OF BIDDER :								
NAME OF PROJECT:		2X800MW Karim Nagar						
NAME OF PACKAGE:		Effluent Transfer System						
TECHNICAL SPECIFICATION:		PE-TS-424-673-A001 R0						
TENDER ENQUIRY NO :		77/23/6086/VIN DATED 30.07.2024						
Sl. No.	DESCRIPTION OF EQUIPMENT / ITEM	UNIT	QTY	Total Price excluding GST (INR)	Freight in %	Total Freight	Total FOR Site Price Including Freight but excluding GST (INR)	Total FOR Site Price Including Freight but excluding GST in Words
1	Total lump sum firm price on FOR site basis for design, engineering, manufacture, inspection, testing at manufacturer's works, supply/delivery duly packed at site including freight, unloading, storage and handling at site, erection and commissioning, trial run at site , Demonstration test , plant handing over to customer etc. inclusive of all prevailing taxes, duties and other levies of EFFLUENT TRANSFER SYSTEM complete with all accessories, start up and commissioning spares as required, mandatory spares for the total scope defined as per BHEL Technical specification - PE-TS-424-673-A001 as required for safe and trouble free smooth operation.	SET	1	0		0	0	
2	BREAK-UP OF PRICES GIVEN IN 1.0 ABOVE							
2.1	Total lump sum price on Design, engineering, manufacture, assembly, tests at manufacturer's works, forwarding, transportation, delivery of entire EFFLUENT TRANSFER SYSTEM to the site including Start up and commissioning spares as required, as defined subsequently complete with all accessories, auxiliaries as specified in Technical Specification No. PE-TS-424-673-A001 as required for safe and trouble free smooth operation.	LOT	1			0	0	
2.2	Total lump sum price for supply/delivery of Mandatory Spares for EFFLUENT TRANSFER SYSTEM (as per Annexure-I).	LOT	1	0		0	0	
2.3	Total lump sum price on unloading, handling, storage, and in plant transportation at site, erection, commissioning trial run, Demonstration test and handing over to Purchaser the entire EFFLUENT TRANSFER SYSTEM as defined subsequently complete with all accessories, auxiliaries as specified in Technical Specification No. PE-TS-424-673-A001 as required for safe and trouble free smooth operation.	LOT	1		NA	NA	0	
Notes:								
(1) Lumpsum price quoted at Sl.no 1.0 shall be considered for evaluation.								
(2) Bidder to quote the Prices in 'figures' along with corresponding 'words'.								
(3) Please quote in yellow highlighted cells only								

ANNEXURE-I (MANDATORY SPARES LIST FOR EFFLUENT TRANSFER SYSTEM)			
S. N.	DESCRIPTION	UNIT	Total Price excluding GST (INR)
1	MEASURING INSTRUMENTS (for all systems including Auxiliary Boiler, FOPH, Dosing System, ECW, Air compressor system etc.)		
1.0	Electronic Transmitters		
1.1	Transmitters of all types, ranges and model no. (for the measurement of Pressure, differential pressure flow, level, etc.)	10% or 1 no. of each type and model, whichever is more	
1.2	Level Transmitters (Ultrasonic/ radar type)	50% of each type and length, including sensors	
2	Local Indicators like temperature gauges, pressure gauges, differential pressure gauges, flow gauges, flow meters etc.,	5% or 1 no. of each make, model and type whichever is more (to be divided to various ranges in proportion to main of all make, model, type population)	
3	Any other instrument (If applicable)	10 % or 1 no. of each type and model whichever is more	
2	INSTRUMENTATION CABLE, INTERNAL WIRING & ELECTRICAL FIELD		
1	Pre fabricated cable of each type.	10% of installed quantity	
2	Pre fabricated cable connector of each type	10% or 1 no. of each type and model, whichever is more.	
3	Other cables	5% of each type, pair and size of actual installed quantity.	
	LIST OF MANDATORY SPARES FOR PIPING		
1	Valves all sizes (Population= All Units)	5% of the total population of each type, size and class OR minimum 2 nos. of each type size & class whichever is more	
TOTAL			0
Note:			
1) If there is one no valve only of particular type, class and size then only one no is required. Wherever valves are specified as mandatory spare, complete valve along with actuator and all other accessories which are the part of original supply shall also be supplied.			
2) Wherever set is mentioned, one set of the spares of that item shall be for complete replacement of that particular item for one equipment.			
3) Any fraction of a item shall mean the next higher			
4) Wherever quantity has been specified as percentage (%), the quantity of mandatory spares to be provided by contractor shall be the specified percentage (%) of the total population of the plant. In case, the quantity so calculated happens to be fraction, the same shall be rounded off to next higher whole number.			
5) Wherever the quantities have been indicated for each type, size, thickness, material, radius, range, etc., these shall cover all the items supplied and installed and the breakup for these shall be furnished in the bid.			
6) In case, spares indicated in the list are not applicable to the particular design offered by the bidder, the bidder should offer spares applicable to offered design with quantities generally in line with the approach followed in the above list.			
7) Any item which is quoted as "not applicable" in the above list (in price schedule) and is found to be "applicable" at a later date shall be supplied by the Bidder without any commercial implications. The Bidder shall note that if there is any change/ variation in equipment/ system during detail engineering which causes any change/ variation in the essential spares quantity, the same shall be supplied without any commercial implications. The price indicated for the mandatory spares shall be considered for the purpose of evaluation.			
8) (*) Unless otherwise stated, a set shall mean complete replacement for one equipment.			
9) Bidder is also required to refer to notes mentioned at Annexure-II, Sub Section-E, Section-I in technical specification. Bidder declares			