			SC	HEDULE OF PRICES - MISC 2X800 MW USTPP, APL				
			RIPTION OF WORKS O	R EQUIPMENT(S)	UOM	QUANTITY	UNIT EX-WORKS PRICE INCLUDING PACKING (INR)	TOTAL EX-WORKS PRICE INCLUDING PACKING (INR)
	manufactu to avoid da Miscellane applicable the require installation packing wi at site and 513/515/5	rer's and/c amage of it ous Pump I, transport ments spe checks of th Mechan any other 16/522/523	or his sub-contractors we tems during transportation is (along with Motors & In tation to site, complete va- cified in the specification pump motor set & super icial Seal arrangement (ic services, etc. as per sper	nandatory spares as with all other accessories as per n, site services including rvision of replacement of gland as applicable) at site, PG Test				
1.0	Pumps a	nd Motor	s (Horizontal Pumps):				
	(i)	DMCW F	PUMPS					
	.,		Pump price:		Nos.	6		
			Motor price:		Nos.		HT MOTOR-by B	HEI
-			Suction Strainer price:		Nos.	6	TIT WIG TOTE-DY D	T
			Mandatory Spares (as	per Annexure -A)	Lot	1		
	(ii)	BOILER	FILL PUMPS	,				
			Pump price:		Nos.	2		
			Motor price:		Nos.	2		
			Suction Strainer price:		Nos.	2		
			Mandatory Spares (as	per Annexure -A)	Lot	1		
	(iii)	HOTWE	LL MAKEUP PUMPS					
			Pump price:		Nos.	4		
			Motor price:		Nos.	4		
			Suction Strainer price:		Nos.	4		
			Mandatory Spares (as	per Annexure -A)	Lot	1		
2.0	SITE SER	VICES:						
2.1	Installatio	n Check &	& Supervision for repla al at Site as per Specif	cement of Gland packing ication				
2.1.1	Site Visit C	harges			Nos. of Visits	8		
2.1.2	Manday C	narges at	Site		Nos. of Mandays	36		
2.2	Lumpsum	cost for I	PG Test of pumps at si	te as per Specification	Lot	1		
			TOTAL (1.0+	2.0)				
NOTES:	Sonico ch	argos at S	l no 2.1.1 shall include	to/fro travel expenses, medical a	and incurance			
<u> </u>								
))				boarding/lodging, local conveya shall be calculated on the basis				
;)	,			on actual consumed site visits a				
1)				pecial Tools & tackle and other a e supplied with the pump/motor.		pplicable as pe	er Specification but not lis	ted above shall be
)	For items s			shall have to be supplied withou	t any cost im	plication to BH	EL in the event they are f	ound to be applicable
)			al specification for detail.					
,	Mandatory		<u> </u>					
1)	1. One(1) componen 2. In case	set consist ts/hardwai spares ind	s of quantity required for re required to replace the icated in the list are not	applicable to the particular desig	n offered by	the bidder, the		de all
spares applicable to offered design with quantities as specified in the Technical specification/NIT.								

2X800 MW USTPP, APL RAIPUR (PH-II)

S. NO. ITEM DESCRIPTION MANDATORY SPARE LIST QUANTITY QUANTITY PRICE INCLUDING PACKING (IN P.)
1.1.1 Shaft 1 No. 1.1.2 Shaft sleeves 1 Nos. 1.1.3 Impeller 1 Nos. 1.1.4 Impeller 1 Nos. 1.1.5 Impeller wearing rings; and casing wearing rings 3 Nos. each 1.1.5 Bearings at impeller end; coupling end 1 Nos. each 1.1.7 Oil seals; oil deflectors; oil rings; and lantern rings 3 Nos. each 1.1.8 Stationary/carbon packing and O" ring for mechanical seal " 3 sets 1.1.9 Oil level gauge 2 Nos. 1.1.10 Mechanical seal assembly 2Nos 1.1.11 Couplings complete including rubber bushes 1 No. each 1.1.12 O" rings " 2 sets 1.1.12 O" rings " 2 sets 1.1.13 Impeller 1 Nos. 1.1.14 Impeller locking nuts and bolts 3 Nos. each 1.1.15 Impeller 1 Nos. 1.1.16 Impeller locking nuts and bolts 3 Nos. each 1.1.17 Impeller locking nuts and bolts 3 Nos. each 1.1.18 Impeller levearing rings; and casing wearing rings 3 Nos. each 1.1.19 Impeller lend; coupling 1 Nos. 1.1.10 Impeller lend; coupling 1 Nos. 1.1.16 Impeller lend; coupling 1 Nos. 1.1.17 Impeller lend; coupling 1 Nos. 1.1.18 Impeller lend; coupling 1 Nos. 1.1.19 Impeller lend; coupling 1 Nos. 1.119 Impeller lend; coupling 1 Nos. 1.119 Impeller lend; co
1.1.1 1.1.2 Shaft sleeves 1 Nos. 1.1.3 Impeller 1 Nos. 1.1.4 Impeller locking nuts and bolts 3 Nos. 3 Nos. 1.1.5 Impeller wearing rings; and casing wearing rings 3 Nos. each 1.1.6 Bearings at impeller end; coupling end 1 Nos. each 1.1.7 Oil seals; oil deflectors; oil rings; and lantern rings 3 Nos. each 1.1.8 Stationary/carbon packing and O" ring for mechanical seal " 3 sets 1.1.9 Oil level gauge 2 Nos. 1.1.10 Mechanical seal assembly 2 Nos 1.1.11 Couplings complete including rubber bushes 1 No. each 1.1.12 O" rings " 2 sets 1 Nos. 1.2.2 Shaft sleeves 1 Nos. 1.2.3 Impeller 1 Nos. 1.2.4 Impeller locking nuts and bolts 3 Nos. each 1.2.5 Impeller wearing rings; and casing wearing rings 3 Nos. each 1.2.6 Bearings at impeller end; coupling 1 Nos. each 1.2.6 Bearings at impeller end; coupling 1 Nos. each 1.2.6 Read to the property of the prop
1.1.3 Impeller
1.1.4 Impeller locking nuts and bolts 3 Nos. 1.1.5 Impeller wearing rings; and casing wearing rings 1.1.6 Bearings at impeller end; coupling end 1.1.7 Oil seals; oil deflectors; oil rings; and lantern rings 3 Nos. each 1.1.8 Stationary/carbon packing and O'' ring for mechanical seal " 1.1.9 Oil level gauge 2 Nos. 1.1.10 Mechanical seal assembly 2Nos 1.1.11 Couplings complete including rubber bushes 1 No. each 1.1.12 O'' rings " 2 sets 1.2.1 Shaft 1 Nos. 1.2.2 Shaft sleeves 1 Nos. 1.2.3 Impeller 1 Nos. 1.2.4 Impeller locking nuts and bolts 3 Nos. each 1.2.5 Bearings at impeller end; coupling 1 Nos. each 1.2.6 Bearings at impeller end; coupling 1 Nos. each
1.1.4 Impeller wearing rings; and casing wearing rings 3 Nos. each
1.1.6 Bearings at impeller end; coupling end 1 Nos. each
1.1.1 DMCW PUMPS 1.1.7 Oil seals; oil deflectors; oil rings; and lantern rings 3 Nos. each 1.1.8 Stationary/carbon packing and O" ring for mechanical seal " 3 sets 1.1.9 Oil level gauge 2 Nos. 1.1.10 Mechanical seal assembly 2Nos 1.1.11 Couplings complete including rubber bushes 1 No. each 1.1.12 O" rings " 2 sets 1.1.12 Shaft 1 No. 1.1.12 Shaft 1 No. 1.1.13 Impeller 1 Nos. 1.1.14 Impeller locking nuts and bolts 3 Nos. 1.1.15 Impeller wearing rings; and casing wearing rings 3 Nos. each 1.1.15 Bearings at impeller end; coupling 1 Nos. each 1.1.15 Earlings at impeller end; coupling 1 Nos. each 1.1.15 Earlings at impeller end; coupling 1 Nos. each 1.1.15 Earlings at impeller end; coupling 1 Nos. each 1.1.15 Earlings at impeller end; coupling 1 Nos. each 1.1.15 Earlings at impeller end; coupling 1 Nos. each 1.1.15 Earlings at impeller end; coupling 1 Nos. each 1.1.15 Earlings at impeller end; coupling 1 Nos. each 1.1.15 Earlings at impeller end; coupling 1 Nos. each 1.1.15 Earlings at impeller end; coupling 1 Nos. each 1.1.15 Earlings at impeller end; coupling 1 Nos. each 1.1.15 Earlings at impeller end; coupling 1 Nos. each 1.1.15 Earlings at impeller end; coupling 1 Nos. each 1.1.15 Earlings at impeller end; coupling 1 Nos. each 1.1.15 Earlings at impeller end; coupling 1 Nos. each 1.1.15 Earlings at impeller end; coupling 1 Nos. each 1.1.15 Earlings at impeller end; coupling 1 Nos. each 1.1.15 Earlings and each 1.1.15 Earlings at impeller end; coupling 1 Nos. each 1.1.15 Earlings and each
1.1.8 ring for mechanical seal " 3 sets 1.1.9 Oil level gauge 2 Nos. 1.1.10 Mechanical seal assembly 2Nos 1.1.11 Couplings complete including rubber bushes 1 No. each 1.1.12 O" rings " 2 sets 1.1.12 Shaft 1 No. 1.1.13 Impeller 1 Nos. 1.1.14 Impeller 1 Nos. 1.1.15 Impeller 1 Nos. 1.1.16 Impeller 1 Nos. 1.1.17 Impeller 1 Nos. 1.1.18 Impeller 1 Nos. 1.1.19 Impeller 1 Nos. 1
1.1.10 Mechanical seal assembly 2Nos Couplings complete including rubber bushes 1 No. each 1.1.12 O" rings " 2 sets 1.2.1 Shaft 1 No. 1.2.2 Shaft sleeves 1 Nos. 1.2.3 Impeller 1 Nos. 1.2.4 Impeller locking nuts and bolts 3 Nos. 1.2.5 Impeller wearing rings; and casing wearing rings 3 Nos. each 1.2.6 Bearings at impeller end; coupling 1 Nos. each
1.1.11 Couplings complete including rubber bushes 1 No. each 1.1.12 O" rings " 2 sets 1.2.1 Shaft 1 No. 1.2.2 Shaft sleeves 1 Nos. 1.2.3 Impeller 1 Nos. 1.2.4 Impeller locking nuts and bolts 3 Nos. 1.2.5 Impeller wearing rings; and casing wearing rings 3 Nos. each 1.2.5 Bearings at impeller end; coupling 1 Nos. each
1.1.11 rubber bushes 1 No. each 1.1.12 O" rings " 2 sets 1.2.1 Shaft 1 No. 1.2.2 Shaft sleeves 1 Nos. 1.2.3 Impeller 1 Nos. 1.2.4 Impeller locking nuts and bolts 3 Nos. 1.2.5 Impeller wearing rings; and casing wearing rings 3 Nos. each 1.2.5 Bearings at impeller end; coupling 1 Nos. each
1.2.1 Shaft 1 No. 1.2.2 Shaft sleeves 1 Nos. 1.2.3 Impeller 1 Nos. 1.2.4 Impeller locking nuts and bolts 3 Nos. 1.2.5 Impeller wearing rings; and casing wearing rings 3 Nos. each 1.2.6 Bearings at impeller end; coupling 1 Nos. each
1.2.1 1 No. 1.2.2 Shaft sleeves 1 Nos. 1.2.3 Impeller 1 Nos. 1.2.4 Impeller locking nuts and bolts 3 Nos. 1.2.5 Impeller wearing rings; and casing wearing rings 3 Nos. each 1.2.5 Bearings at impeller end; coupling 1 Nos. each
1.2.3 Impeller 1 Nos. 1.2.4 Impeller locking nuts and bolts 3 Nos. 1.2.5 Impeller wearing rings; and casing wearing rings 3 Nos. each 1.2.6 Bearings at impeller end; coupling 1 Nos. each
1.2.4 Impeller locking nuts and bolts 3 Nos. 1.2.5 Impeller wearing rings; and casing wearing rings 3 Nos. each 1.2.6 Bearings at impeller end; coupling 4 Nos. each
1.2.5 Impeller wearing rings; and casing wearing rings 3 Nos. each Bearings at impeller end; coupling 4 Nos. each
Bearings at impeller end; coupling
, , , , , , , , , , , , , , , , , , ,
1.2 BOILER FILL 1.2.7 Driving and non- driving end bearing of each type of motor 1 set
PUMPS Oil seals; oil deflectors; oil rings; 3 Nos. each and lantern rings
1.2.9 Stationary/carbon packing and O" ring for mechanical seal " 3 sets
1.2.10 Oil level gauge 2 Nos.
1.2.11 Mechanical seal assembly 2Nos
1.2.12 Couplings complete including rubber bushes 1 No. each
1.2.13 O" rings " 2 sets
1.2.14 Motor of each type and rating 1no
1.3.1 Shaft 1 No.
1.3.2 Shaft sleeves 1 Nos.
1.3.3 Impeller 1 Nos. 1.3.4 Impeller locking nuts and bolts 3 Nos.
1.3.5 Impeller wearing rings; and casing wearing rings and casing wearing rings
1.3.6 Bearings at impeller end; coupling end 1 Nos. each
Driving and non- driving end 1.3.7 bearing of each type of motor 1 set
1.3 MAKEUP PUMPS 1.3.8 Oil seals; oil deflectors; oil rings; and lantern rings 3 Nos. each
1.3.9 Stationary/carbon packing and O" ring for mechanical seal " 3 sets
1.3.10 Oil level gauge 2 Nos.
1.3.11 Mechanical seal assembly 2Nos
1.3.12 Couplings complete including rubber bushes 1 No. each
14 0 40 100 100 100 100
1.3.13 O" rings " 2 sets 1.3.14 Motor of each type and rating 1no

			SCHEDULE OF PRICES - MISC				
			2X800 MW USTPP, APL	RAIGARH (PH-II)		
			RIPTION OF WORKS OR EQUIPMENT(S)	иом	QUANTITY	UNIT EX-WORKS PRICE INCLUDING PACKING (INR)	TOTAL EX-WORKS PRICE INCLUDING PACKING (INR)
	manufactu to avoid da Miscellane applicable the require installation packing wi at site and 513/515/5	rer's and/c amage of it rous Pump), transport ements spe checks of th Mechan any other 16/522/523	n, manufacture, assembly, inspection and testing at or his sub-contractors works, painting, proper packing tems during transportation & storage at site of se (along with Motors & mandatory spares as tation to site, complete with all other accessories as per scrifed in the specification, site services including pump motor set & supervision of replacement of gland ical Seal arrangement (as applicable) at site, PG Test services, etc. as per specification PE-TS-3/524-100-W001, REV-00 for Misc. Pumps Horizontal P, APL RAIGARH (PH-II)				
1.0	Pumps a	nd Motor	s (Horizontal Pumps):				
	(i)	DMCW F	PUMPS				
			Pump price:	Nos.	6		
			Motor price:	Nos.		HT MOTOR-by B	HEL
			Suction Strainer price:	Nos.	6		
	Mandatory Spares (as per Annexure -A)				1		
	(ii)	BOILER	FILL PUMPS				
			Pump price:	Nos.	2		
			Motor price:	Nos.	2		
			Suction Strainer price:	Nos.	2		
			Mandatory Spares (as per Annexure -A)	Lot	1		
	(iii)	HOTWE	LL MAKEUP PUMPS				
			Pump price:	Nos.	4		
			Motor price: Suction Strainer price:	Nos.	4		
			Mandatory Spares (as per Annexure -A)	Lot	1		
			, , , , , , , , , , , , , , , , , , , ,				
2.0	SITE SER	VICES:					
	Installatio	n Check &	& Supervision for replacement of Gland packing al at Site as per Specification				
2.1.1	Site Visit C	Charges		Nos. of Visits	8		
2.1.2	Manday C	harges at	Site	Nos. of Mandays	36		
2.2	Lumpsum	cost for I	PG Test of pumps at site as per Specification	Lot	1		
			TOTAL (1.0+ 2.0)				
NOTES:							
a)	Service ch	arges at S	il.no 2.1.1. shall include to/fro travel expenses, medical a	and insurance).		
b)			SI.no 2.1.2. shall include boarding/lodging, local conveyoned at SI.no. 2.1.2 above shall be calculated on the basis				
c)	Payment f	or Sl. No. 2	2.1 shall be done based on actual consumed site visits a	nd mandays.			
d)	Price of Co	ommission	ing & Erection spares, special Tools & tackle and other a	accessories a	applicable as ne	er Specification but not lis	sted above shall be
,	included in	the price	of pump/motor & shall be supplied with the pump/motor.				
e)			not applicable by bidder, shall have to be supplied withou ring stage.	it any cost im	plication to BH	∟∟ in the event they are f	ound to be applicable
f)	Please ref	er technica	al specification for detail.				
g)	componen	set consist its/hardwai	te: s of quantity required for complete replacement for one(re required to replace the item. icated in the list are not applicable to the particular desic		• •		de all
			offered design with quantities as specified in the Technic				
Bidder sh	nall furnish	this price	Schedule indicating "Quoted" against each item alo	ong with his	technical offe	er and actual prices in h	is price offer.

2X800 MW USTPP, APL RAIGARH (PH-II)

			2X800 MW USTPP, APL RA	IGAKH (PH-II)		
S. NO.	ITEM DESCRIPTION		MANDATORY SPARE LIST	QUANTITY	UNIT EX-WORKS PRICE INCLUDING PACKING (INR)	TOTAL EX-WORKS PRICE INCLUDING PACKING (INR)
1.0	MANDATORY SPAR	ES PRICE	S-MISC PUMPS (HORIZONTAL))		
		1.1.1	Shaft	1 No.		
		1.1.2	Shaft sleeves	1 Nos.		
		1.1.3	Impeller Impeller locking nuts and bolts	1 Nos.		
		1.1.4	Impeller wearing rings; and casing	3 Nos.		
		1.1.5	wearing rings Bearings at impeller end; coupling	3 Nos. each		
1.1	DMCW PUMPS	1.1.6	end Oil seals; oil deflectors; oil rings;	1 Nos. each		
		1.1.7	and lantern rings	3 Nos. each		
		1.1.8	Stationary/carbon packing and O" ring for mechanical seal "	3 sets		
		1.1.9	Oil level gauge	2 Nos.		
		1.1.10	Mechanical seal assembly	2Nos		
		1.1.11	Couplings complete including rubber bushes	1 No. each		
		1.1.12	O" rings "	2 sets		
		1.2.1	Shaft	1 No.		
		1.2.2	Shaft sleeves	1 Nos.		
		1.2.3	Impeller	1 Nos.		
		1.2.4	Impeller locking nuts and bolts	3 Nos.		
		1.2.5	Impeller wearing rings; and casing wearing rings	3 Nos. each		
		1.2.6	Bearings at impeller end; coupling end	1 Nos. each		
1.2	BOILER FILL	1.2.7	Driving and non- driving end	1 set		
1.2	PUMPS	1.2.8	bearing of each type of motor Oil seals; oil deflectors; oil rings;	3 Nos. each		
		1.2.9	and lantern rings Stationary/carbon packing and O"	3 sets		
		1.2.10	ring for mechanical seal " Oil level gauge	2 Nos.		
		1.2.10	Mechanical seal assembly	2 Nos.		
		1.2.12	Couplings complete including rubber bushes	1 No. each		
		1.2.13	O" rings "	2 sets		
		1.2.14	Motor of each type and rating	1no		
			Shaft			
		1.3.1		1 No.		
		1.3.2	Shaft sleeves Impeller	1 Nos.		
		1.3.4	Impeller locking nuts and bolts	3 Nos.		
		1.3.5	Impeller wearing rings; and casing wearing rings	3 Nos. each		
		1.3.6	Bearings at impeller end; coupling end	1 Nos. each		
		1.3.7	Driving and non- driving end	1 set		
1.3	HOTWELL MAKEUP PUMPS		bearing of each type of motor Oil seals; oil deflectors; oil rings;			
		1.3.8	and lantern rings Stationary/carbon packing and O"	3 Nos. each		
		1.3.9	ring for mechanical seal "	3 sets		
		1.3.10	Oil level gauge Mechanical seal assembly	2 Nos. 2Nos		21213.2
		1.3.11	Couplings complete including			
		1.3.12	rubber bushes O" rings "	1 No. each 2 sets		84852.8
		1.3.13	Motor of each type and rating	2 sets 1no		
			75			

			SC	HEDULE OF PRICES - MISC				
				2X800 MW USTPP, MI	RZAPUR (P	H-I)		
		DESCR	RIPTION OF WORKS OF	R EQUIPMENT(S)	иом	QUANTITY	UNIT EX-WORKS PRICE INCLUDING PACKING (INR)	TOTAL EX-WORKS PRICE INCLUDING PACKING (INR)
	manufactur to avoid da Miscellaner applicable) the require installation packing with at site and 513/515/51	rer's and/c mage of it ous Pump , transport ments spe checks of th Mechan any other 16/522/523	or his sub-contractors we tems during transportation is (along with Motors & matation to site, complete we edified in the specification pump motor set & super ical Seal arrangement (it services, etc. as per sper	nandatory spares as with all other accessories as per n, site services including rvision of replacement of gland as applicable) at site, PG Test				
1.0	Pumps a	nd Motor	s (Horizontal Pumps)	:				
	(i)	DMCW F	DIIMDS					
	(1)	DIVICAAL	Pump price:		Nos.	6		
					Nos.	 	LIT MOTOR: S	
	Motor price: Suction Strainer price:				Nos.	6	HT MOTOR-by B	HEL
			Mandatory Spares (as	ner Δnnevure -Δ \	Lot	1		
	(ii)	BOILER	FILL PUMPS	per Alliexure -A)	LOI	 ' 		
	\",		Pump price:		Nos.	2		
			Motor price:		Nos.	2		
			Suction Strainer price:		Nos.	2		
			Mandatory Spares (as	per Annexure -A)	Lot	1		
	(iii)	(iii) HOTWELL MAKEUP PUMPS						
	(,		Pump price:		Nos.	4		
			Motor price:		Nos.	4		
			Suction Strainer price:		Nos.	4		
			Mandatory Spares (as	per Annexure -A)	Lot	1		
2.0	SITE SER	/ICES:						
2.1			& Supervision for repla al at Site as per Specif	cement of Gland packing ication				
2.1.1	Site Visit C	harges			Nos. of Visits	8		
2.1.2	Manday Cl	narges at S	Site		Nos. of Mandays	36		
2.2	Lumpsum	cost for F	PG Test of pumps at si	te as per Specification	Lot	1		
			TOTAL (1.0+					
NOTES:	Service ch	arges at S	I.no 2.1.1. shall include t	o/fro travel expenses, medical a	and insurance).		
b)				boarding/lodging, local conveya shall be calculated on the basis				
c)	Payment for	or Sl. No. 2	2.1 shall be done based	on actual consumed site visits a	nd mandays.			
d)	Price of Co	mmissioni	ing & Erection spares. si	pecial Tools & tackle and other a	accessories a	pplicable as pe	er Specification but not lis	ted above shall be
e)	included in	the price	of pump/motor & shall be	e supplied with the pump/motor. shall have to be supplied withou				
·,	during deta			navo to be supplied williou		p000001110 D11	uio ovoiit tiley ale i	caa to be applicable
f)	Please refe	er technica	al specification for detail.					
g)	componen	et consist ts/hardwar	s of quantity required for re required to replace the	complete replacement for one(e) item. applicable to the particular design		• •		de all
				itities as specified in the Technic				
Bidder sh	nall furnish	this price	Schedule indicating "	Quoted" against each item ald	ong with his	technical offe	r and actual prices in h	s price offer.

2X800 MW USTPP, MIRZAPUR (PH-I)

	2X800 MW USTPP, MIRZAPUR (PH-I)											
S. NO.	ITEM DESCRIPTION		MANDATORY SPARE LIST	QUANTITY	UNIT EX-WORKS PRICE INCLUDING PACKING (INR)	TOTAL EX-WORKS PRICE INCLUDING PACKING (INR)						
1.0	MANDATORY SPAR	ES PRICE	S-MISC PUMPS (HORIZONTAL)								
		1.1.1	Shaft	1 No.								
		1.1.2	Shaft sleeves	1 Nos.								
		1.1.3	Impeller Impeller locking nuts and bolts	1 Nos.								
		1.1.4	Impeller wearing rings; and casing	3 Nos.								
		1.1.5	wearing rings Bearings at impeller end; coupling	3 Nos. each								
1.1	DMCW PUMPS	1.1.6	end Oil seals; oil deflectors; oil rings;	1 Nos. each								
		1.1.7	and lantern rings	3 Nos. each								
		1.1.8	Stationary/carbon packing and O" ring for mechanical seal "	3 sets								
		1.1.9	Oil level gauge Mechanical seal assembly	2 Nos.								
		1.1.10	Couplings complete including	2Nos								
		1.1.11	rubber bushes	1 No. each								
		1.1.12	O" rings "	2 sets								
		1.2.1	Shaft	1 No.								
		1.2.2	Shaft sleeves	1 Nos.								
		1.2.3	Impeller Impeller locking nuts and bolts	1 Nos.								
		1.2.4	Impeller wearing rings; and casing	3 Nos.								
			wearing rings Bearings at impeller end; coupling									
	BOILER FILL	1.2.6	end Driving and non- driving end	1 Nos. each								
1.2	PUMPS	1.2.7	bearing of each type of motor Oil seals; oil deflectors; oil rings;	1 set 3 Nos. each								
		1.2.9	and lantern rings Stationary/carbon packing and O"	3 sets								
			ring for mechanical seal " Oil level gauge	2 Nos.								
		1.2.10 1.2.11	Mechanical seal assembly	2 Nos.								
		1.2.12	Couplings complete including rubber bushes	1 No. each								
		1.2.13	O" rings "	2 sets								
		1.2.14	Motor of each type and rating	1no								
		1.3.1	Shaft	1 No.								
		1.3.2	Shaft sleeves	1 Nos.								
		1.3.3	Impeller	1 Nos.								
		1.3.4	Impeller locking nuts and bolts Impeller wearing rings; and casing	3 Nos.								
		1.3.5	wearing rings Bearings at impeller end; coupling	3 Nos. each								
		1.3.6	end Driving and non- driving end	1 Nos. each								
1.3	HOTWELL MAKEUP PUMPS	1.3.7	bearing of each type of motor	1 set								
	WAKEUP PUIVIPS	1.3.8	Oil seals; oil deflectors; oil rings; and lantern rings	3 Nos. each								
		1.3.9	Stationary/carbon packing and O" ring for mechanical seal "	3 sets								
		1.3.10	Oil level gauge	2 Nos.								
		1.3.11	Mechanical seal assembly Couplings complete including	2Nos								
		1.3.12	rubber bushes O" rings "	1 No. each								
		1.3.13	Motor of each type and rating	2 sets 1no								

			SC	HEDULE OF PRICES - MISC				
				2X800 MW USTPP, APL	MAHAN (P	H-III)		
		DESCR	RIPTION OF WORKS OR	R EQUIPMENT(S)	иом	QUANTITY	UNIT EX-WORKS PRICE INCLUDING PACKING (INR)	TOTAL EX-WORKS PRICE INCLUDING PACKING (INR)
	manufacture to avoid da Miscellane applicable) the require installation packing with at site and 513/515/51	rer's and/o amage of it ous Pump I, transport ments spe checks of th Mechan any other 16/522/523	or his sub-contractors wo tems during transportatio s (along with Motors & matation to site, complete wacified in the specification pump motor set & super tical Seal arrangement (a services, etc. as per spe	andatory spares as ith all other accessories as per a, site services including vision of replacement of gland as applicable) at site, PG Test				
1.0	Pumps ar	nd Motor	s (Horizontal Pumps)	:				
	(i)	DMCW F	DUMDE					
	(1)	DIVICW	Pump price:		Nos.	6		
						0		
			Motor price:		Nos.		HT MOTOR-by B	HEL .
	Suction Strainer price:				Nos.	6		
	/::N	POIL ED	Mandatory Spares (as FILL PUMPS	per Annexure -A)	Lot	1		
	(ii)	DUILER	Pump price:		Nos.	2		
	Motor price:				Nos.	2		
			Suction Strainer price:		Nos.	2		
			Mandatory Spares (as	per Annexure -A)	Lot	1		
	/iii)	(iii) HOTWELL MAKEUP PUMPS						
	(111)	HOTWE	Pump price:		Nos.	4		
			Motor price:		Nos.	4		
			Suction Strainer price:		Nos.	4		
			Mandatory Spares (as	per Annexure -A)	Lot	1		
2.0	SITE SER	VICES:						
2.1	Installation Check & Supervision for replacement of Gland packing							
2.1.1	Site Visit C	harges			Nos. of Visits	8		
2.1.2	Manday Ch	narges at S	Site		Nos. of Mandays	36		
2.2	Lumpsum	cost for I	PG Test of pumps at sit	e as per Specification	Lot	1		
			TOTAL (1.0+					
NOTES:	Service ch	arges at S	il.no 2.1.1. shall include to	o/fro travel expenses, medical a	nd insurance).		
b)				boarding/lodging, local conveya shall be calculated on the basis				
c)	Payment fo	or Sl. No. 2	2.1 shall be done based of	on actual consumed site visits a	nd mandays.			
d)	Price of Co	mmissioni	ing & Erection spares. sr	pecial Tools & tackle and other a	ccessories a	pplicable as ne	er Specification but not lis	ted above shall be
e)	included in	the price	of pump/motor & shall be	e supplied with the pump/motor.				
٥,	during deta			s.raa.re to be supplied withou	0000 1111	pcation to DIT	are event they are r	cana to be applicable
f)	Please refe	er technica	al specification for detail.					
g)	component	set consist ts/hardwar spares ind	s of quantity required for re required to replace the icated in the list are not a	applicable to the particular desig	n offered by	the bidder, the		de all
				tities as specified in the Technic				
Bidder sh	nall furnish	this price	Schedule indicating "	Quoted" against each item ald	ong with his	technical offe	r and actual prices in hi	s price offer.

SCHEDULE OF PRICES -ANNEXURE-A MANDATORY SPARES OF MISC. PUMPS (HORIZONTAL) 2X800 MW USTPP, APL MAHAN (PH-III)

S. NO.	ITEM DESCRIPTION		MANDATORY SPARE LIST	QUANTITY	UNIT EX-WORKS PRICE INCLUDING PACKING (INR)	TOTAL EX-WORKS PRICE INCLUDING PACKING (INR)
1.0	MANDATORY SPAR	ES PRICE	S-MISC PUMPS (HORIZONTAL)	12 ()	
		1.1.1	Shaft	1 No.		
		1.1.2	Shaft sleeves	1 Nos.		
		1.1.3	Impeller	1 Nos.		
		1.1.4	Impeller locking nuts and bolts	3 Nos.		
		1.1.5	Impeller wearing rings; and casing wearing rings	3 Nos. each		
		1.1.6	Bearings at impeller end; coupling end	1 Nos. each		
1.1	DMCW PUMPS	1.1.7	Oil seals; oil deflectors; oil rings; and lantern rings	3 Nos. each		
		1.1.8	Stationary/carbon packing and O" ring for mechanical seal "	3 sets		
		1.1.9	Oil level gauge	2 Nos.		
		1.1.10	Mechanical seal assembly	2Nos		
		1.1.11	Couplings complete including rubber bushes	1 No. each		
		1.1.12	O" rings "	2 sets		
		1.2.1	Shaft	1 No.		
		1.2.2	Shaft sleeves	1 Nos.		
		1.2.3	Impeller Impeller locking nuts and bolts	1 Nos.		
		1.2.4	Impeller wearing rings; and casing wearing rings	3 Nos.		
		1.2.6	Bearings at impeller end; coupling end	1 Nos. each		
1.2	BOILER FILL	1.2.7	Driving and non- driving end bearing of each type of motor	1 set		
	PUMPS	1.2.8	Oil seals; oil deflectors; oil rings; and lantern rings	3 Nos. each		
		1.2.9	Stationary/carbon packing and O" ring for mechanical seal "	3 sets		
		1.2.10	Oil level gauge	2 Nos.		
		1.2.11	Mechanical seal assembly	2Nos		
		1.2.12	Couplings complete including rubber bushes	1 No. each		
		1.2.13	O" rings "	2 sets		
		1.2.14	Motor of each type and rating	1no		
		1.3.1	Shaft	1 No.		
		1.3.2	Shaft sleeves Impeller	1 Nos.		
		1.3.3	Impeller locking nuts and bolts	3 Nos.		
		1.3.5	Impeller wearing rings; and casing wearing rings	3 Nos. each		
		1.3.6	Bearings at impeller end; coupling end	1 Nos. each		
1.3	HOTWELL MAKEUP PUMPS	1.3.7	Driving and non- driving end bearing of each type of motor	1 set		
	WANEUP PUMPS	1.3.8	Oil seals; oil deflectors; oil rings; and lantern rings	3 Nos. each		
		1.3.9	Stationary/carbon packing and O" ring for mechanical seal "	3 sets		
		1.3.10	Oil level gauge Mechanical seal assembly	2 Nos.		
		1.3.11	Couplings complete including	2Nos		
		1.3.12	rubber bushes O" rings "	1 No. each		
		1.3.13	Motor of each type and rating	2 sets 1no	1	
		1.0.14	wow or each type and rating	1110	1	l

			50	HEDULE OF PRICES - MISO 2X800 MW USTPP, API				
			RIPTION OF WORKS O	R EQUIPMENT(S)	UOM	QUANTITY	UNIT EX-WORKS PRICE INCLUDING PACKING (INR)	TOTAL EX-WORKS PRICE INCLUDING PACKING (INR)
	manufactu to avoid da Miscellane applicable the require installation packing wi at site and 513/515/5	rer's and/c amage of it ous Pump I, transport ments spe checks of th Mechan any other 16/522/523	or his sub-contractors we tems during transportation is (along with Motors & In tation to site, complete va- cified in the specification pump motor set & super icial Seal arrangement (ic services, etc. as per sper	nandatory spares as with all other accessories as per n, site services including rvision of replacement of gland as applicable) at site, PG Test				
1.0	Pumps a	nd Motor	s (Horizontal Pumps):				
	(i)	DMCW F	PUMPS					
	\ /		Pump price:		Nos.	6		
			Motor price:		Nos.		HT MOTOR-by B	HEI
			Suction Strainer price:		Nos.	6	TIT WICTOR-DY D	· · · · · · · · · · · · · · · · · · ·
			Mandatory Spares (as	per Annexure -A)	Lot	1		
	(ii)	BOILER	FILL PUMPS	po. / miloxuro / t j		<u> </u>		
	(,		Pump price:		Nos.	2		
			Motor price:		Nos.	2		
			Suction Strainer price:		Nos.	2		
			Mandatory Spares (as	per Annexure -A)	Lot	1		
	(iii)	HOTWE	LL MAKEUP PUMPS	,				
	(111)	HOIWE	Pump price:		Nos.	4		
			Motor price:		Nos.	4		
			Suction Strainer price:		Nos.	4		
			Mandatory Spares (as	por Appovuro A)	Lot	1		
			Mandatory opares (as	per Armexure -A)	Lot	· ·		
2.0	SITE SER	VICES:	l l					
2.1	Installatio	n Check &	Supervision for repla al at Site as per Specif	cement of Gland packing ication				
211	Site Visit C	harges			Nos. of	8		
			0.4		Visits Nos. of	-		
	Manday C				Mandays	36		
2.2	Lumpsum	cost for I		te as per Specification	Lot	1		
			TOTAL (1.0+	2.0)				
IOTES:								
i)	Service ch	arnes at S	l no 2 1 1 shall include	to/fro travel expenses, medical a	nd insurance	3		
<u> </u>								
))				boarding/lodging, local conveys shall be calculated on the basis				
:)	Payment for	or Sl. No. 2	2.1 shall be done based	on actual consumed site visits a	nd mandays.			
)				pecial Tools & tackle and other a e supplied with the pump/motor.		applicable as p	er Specification but not lis	ted above shall be
:)		stated as n	ot applicable by bidder,	shall have to be supplied withou		plication to BH	EL in the event they are f	ound to be applicable
)			al specification for detail.					
,	Mandatory		<u> </u>					
1)	1. One(1) componen 2. In case	set consist ts/hardwai spares ind	s of quantity required for re required to replace the icated in the list are not	r complete replacement for one(e item. applicable to the particular desig titties as specified in the Techni	n offered by	the bidder, the		de all
						on/NUT		

SCHEDULE OF PRICES -ANNEXURE-A MANDATORY SPARES OF MISC. PUMPS (HORIZONTAL) 2X800 MW USTPP, APL KORBA (PH-II)

S. NO.	ITEM DESCRIPTION		MANDATORY SPARE LIST	QUANTITY	UNIT EX-WORKS PRICE INCLUDING PACKING (INR)	TOTAL EX-WORKS PRICE INCLUDING PACKING (INR)
1.0	MANDATORY SPAR	ES PRICE	S-MISC PUMPS (HORIZONTAL)		
		1.1.1	Shaft	1 No.		
		1.1.2	Shaft sleeves	1 Nos.		
		1.1.3	Impeller	1 Nos.		
		1.1.4	Impeller locking nuts and bolts	3 Nos.		
		1.1.5	Impeller wearing rings; and casing wearing rings	3 Nos. each		
		1.1.6	Bearings at impeller end; coupling end	1 Nos. each		
1.1	DMCW PUMPS	1.1.7	Oil seals; oil deflectors; oil rings; and lantern rings	3 Nos. each		
		1.1.8	Stationary/carbon packing and O" ring for mechanical seal "	3 sets		
		1.1.9	Oil level gauge	2 Nos.		
		1.1.10	Mechanical seal assembly	2Nos		
		1.1.11	Couplings complete including rubber bushes	1 No. each		
		1.1.12	O" rings "	2 sets		
		1.2.1	Shaft	1 No.		
		1.2.2	Shaft sleeves	1 Nos.		
		1.2.3	Impeller	1 Nos.		
		1.2.4	Impeller locking nuts and bolts	3 Nos.		
		1.2.5	Impeller wearing rings; and casing wearing rings	3 Nos. each		
		1.2.6	Bearings at impeller end; coupling end	1 Nos. each		
1.2	BOILER FILL PUMPS	1.2.7	Driving and non- driving end bearing of each type of motor Oil seals; oil deflectors; oil rings;	1 set		
		1.2.8	and lantern rings Stationary/carbon packing and O"	3 Nos. each		
		1.2.9	ring for mechanical seal "	3 sets		
		1.2.10	Oil level gauge	2 Nos.		
		1.2.11	Mechanical seal assembly	2Nos		
		1.2.12	Couplings complete including rubber bushes	1 No. each		
		1.2.13	O" rings "	2 sets 1no		
		1.2.14	Motor of each type and rating	ino		
		1.3.1	Shaft	1 No.		
		1.3.2	Shaft sleeves Impeller	1 Nos.		
		1.3.4	Impeller locking nuts and bolts	3 Nos.		
		1.3.5	Impeller wearing rings; and casing wearing rings	3 Nos. each		
		1.3.6	Bearings at impeller end; coupling end	1 Nos. each		
1.3	HOTWELL	1.3.7	Driving and non- driving end bearing of each type of motor	1 set		
	MAKEUP PUMPS	1.3.8	Oil seals; oil deflectors; oil rings; and lantern rings	3 Nos. each		
		1.3.9	Stationary/carbon packing and O" ring for mechanical seal "	3 sets		
		1.3.10	Oil level gauge	2 Nos.		
		1.3.11	Mechanical seal assembly Couplings complete including	2Nos		
		1.3.12	rubber bushes	1 No. each		
		1.3.13	O" rings "	2 sets 1no		
		1.3.14	Motor of each type and rating	IIIU		

			30	HEDULE OF PRICES - MISO 2X800 MW USTPP,							
			RIPTION OF WORKS O	R EQUIPMENT(S)	UOM	QUANTITY	UNIT EX-WORKS PRICE INCLUDING PACKING (INR)	TOTAL EX-WORKS PRICE INCLUDING PACKING (INR)			
	manufactu to avoid da Miscellane applicable the require installation packing wi at site and 513/515/5	rer's and/c amage of it ous Pump I, transport ments spe checks of th Mechan any other 16/522/523	or his sub-contractors we tems during transportati is (along with Motors & r tation to site, complete va- cified in the specification pump motor set & supe- tical Seal arrangement (services, etc. as per sp	nandatory spares as with all other accessories as per n, site services including ervision of replacement of gland as applicable) at site, PG Test							
1.0	Pumps a	nd Motor	s (Horizontal Pumps):							
	(i)	DMCW F	PUMPS								
	.,		Pump price:		Nos.	6					
			Motor price:		Nos.		HT MOTOR-by B	HEI			
			Suction Strainer price:		Nos.	6	TIT WICTOR-DY D	1166			
			Mandatory Spares (as	per Annexure -A)	Lot	1					
	(ii) BOILER FILL PUMPS					<u> </u>					
	(/		Pump price:		Nos.	2					
			Motor price:		Nos.	2					
			Suction Strainer price:		Nos.	2					
			Mandatory Spares (as	per Annexure -A)	Lot	1					
	(iii)	HOTWE	LL MAKEUP PUMPS	,							
	(111)	HOTWE	Pump price:		Nos.	4					
			Motor price:		Nos.	4					
			Suction Strainer price:		Nos.	4					
			Mandatory Spares (as	per Annexure -A)	Lot	1					
			<u> </u>	,							
2.0	SITE SER	VICES:									
2.1			& Supervision for repla al at Site as per Speci	cement of Gland packing fication							
2.1.1	Site Visit C	harges			Nos. of	8					
	Manday C		Sito		Visits Nos. of	36					
					Mandays						
2.2	Lumpsum	cost for I		te as per Specification	Lot	1					
			TOTAL (1.0+	2.0)							
IOTES:											
a)	Service ch	arges at S	l.no 2.1.1. shall include	to/fro travel expenses, medical a	and insurance	Э.					
))				boarding/lodging, local conveya shall be calculated on the basi							
;)	Payment for	or Sl. No. 2	2.1 shall be done based	on actual consumed site visits a	ind mandays.						
) I)	Price of Co	mmission	ing & Erection spares s	pecial Tools & tackle and other	accessories a	applicable as n	er Specification but not lis	ted above shall be			
<u> </u>	included in	the price	of pump/motor & shall b	e supplied with the pump/motor.							
)	For items s during deta			shall have to be supplied withou	it any cost im	plication to BH	EL in the event they are f	ound to be applicable			
)	Please ref	er technica	al specification for detail.								
. 1)	1. One(1) componen	set consist ts/hardwai	s of quantity required fo	Please refer technical specification for detail. Mandatory Spare Note: 1. One(1) set consists of quantity required for complete replacement for one(1) Pump of each type/size. Also the 'set' would include all components/hardware required to replace the item.							
	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 as specified in the Technical specification/NIT.										

2X800 MW USTPP, APL KAWAI (PH-II)

			2X800 MW USTPP, APL K	AWAI (PH-II)		
S. NO.	ITEM DESCRIPTION		MANDATORY SPARE LIST	QUANTITY	UNIT EX-WORKS PRICE INCLUDING PACKING (INR)	TOTAL EX-WORKS PRICE INCLUDING PACKING (INR)
1.0	MANDATORY SPAR	ES PRICE	S-MISC PUMPS (HORIZONTAL)		
		1.1.1	Shaft	1 No.		
		1.1.2	Shaft sleeves	1 Nos.		
		1.1.3	Impeller Impeller locking nuts and bolts	1 Nos.		
		1.1.4	Impeller wearing rings; and casing	3 Nos.		
		1.1.6	wearing rings Bearings at impeller end; coupling	1 Nos. each		
1.1	DMCW PUMPS	1.1.7	end Oil seals; oil deflectors; oil rings; and lantern rings	3 Nos. each		
		1.1.8	Stationary/carbon packing and O" ring for mechanical seal "	3 sets		
		1.1.9	Oil level gauge	2 Nos.		
		1.1.10	Mechanical seal assembly	2Nos		
		1.1.11	Couplings complete including rubber bushes	1 No. each		
		1.1.12	O" rings "	2 sets		
		1.2.1	Shaft	1 No.		
		1.2.2	Shaft sleeves	1 Nos.		
		1.2.3	Impeller	1 Nos.		
		1.2.4	Impeller locking nuts and bolts	3 Nos.		
		1.2.5	Impeller wearing rings; and casing wearing rings	3 Nos. each		
		1.2.6	Bearings at impeller end; coupling end	1 Nos. each		
1.2	BOILER FILL PUMPS	1.2.7	Driving and non- driving end bearing of each type of motor Oil seals; oil deflectors; oil rings;	1 set		
		1.2.8	and lantern rings Stationary/carbon packing and O"	3 Nos. each		
		1.2.9	ring for mechanical seal "	3 sets		
		1.2.10	Oil level gauge	2 Nos.		
		1.2.11	Mechanical seal assembly	2Nos		
		1.2.12	Couplings complete including rubber bushes	1 No. each		
		1.2.13	O" rings "	2 sets		
		1.2.14	Motor of each type and rating	1no		
		1.3.1	Shaft	1 No.		
		1.3.2	Shaft sleeves	1 Nos.		
		1.3.3	Impeller Impeller locking nuts and bolts	1 Nos.		
			Impeller wearing rings; and casing	3 Nos.		
		1.3.5	wearing rings Bearings at impeller end; coupling	1 Nos. each		
		1.3.7	end Driving and non- driving end			
1.3	HOTWELL MAKEUP PUMPS		bearing of each type of motor Oil seals; oil deflectors; oil rings;	1 set		
		1.3.8	and lantern rings Stationary/carbon packing and O"	3 Nos. each		
		1.3.9	ring for mechanical seal "	3 sets		
		1.3.10 1.3.11	Oil level gauge Mechanical seal assembly	2 Nos. 2Nos		
		1.3.11	Couplings complete including	1 No. each		
		1.3.13	rubber bushes O" rings "	2 sets		
		1.3.14	Motor of each type and rating	1no		