Budgetary offer No. 01 of 2025-2026

(For Estimation Purpose only)

Government of Maharashtra

Water Resources Department.

Superintending Engineer, Mechanical Circle, Kolhapur Mechanical Division, Satara

Budgetary offer for the following work (Non DSR items) are invited by the Executive Engineer, Mechanical Division, Satara - 415003 on behalf of Governor of Maharashtra for estimation purpose from the reputed Manufacturers/Suppliers.

The Government of Maharashtra, Water Resources Department, has Planned to undertaken the work of Maintenance & Repair of Junction Gate Hydraulic Hoist (200 M. T. Capacity) of Koyna Hydroelectric Project - Stage 4 in Satara District The details and short specifications of required items are available on the website mentioned below.

It is requested to send the budgetary offer mentioning item wise rates with rate analysis for the

same. The rates should without GST and duties.

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The offer should reach this office from - 13 / 05 / 2025 to 22 / 05 / 2025 by Post, by Courier, by Hand, with Authorised signature with Stamp. Further it is requested to forward relevant Technical literature, drawing, broachers of equipments and your comments if any.

Sr. No.	Description of item/Job	Qty	Rate	Amount
1)	Inspection, Maintenance and Repair of Power Pack Unit.	02		
-),	i) Make: Montan Hydraulic Chennai (2200 Ltr. capacity)	Nos.		
- 1 1	ii) Cleaning the Power pack unit and piping completely.			
	iii) Repair all the leakages and so and so the factor of the same and so the s			
	iv) Removal and replacement of Solenoid valves, Solenoid switches,			
CH T	Ball valves, Air breathers, suction filter return line filter element, seals,	#		
17 T	'O' rings, Oil level indicators, drain plugs, magnetic float switch, Float			
	level indicator and pressure switch with pressure gauges with all			
	necessary required maintenance work as per detailed Drawing of power			
	pack.			
	vi) Servicing and Maintenance of Hydraulic pumps - 2 Nos., motor - 2			
	Nos. (30KW, 1475 rom, S1 duty class F, 3 phase squirrel cage	- 61		
120	induction) with its allied parts and all required maintenance work.			
2)	Inspection, Maintenance and Repair of Hydraulic Cylinder Unit.	02		
	i) Make - Montan Hydraulic Chennai Single Acting cylinder with	Nos.		-
	stroke length of 10000 mm & Bore diam, 420mm, Outer diam,			
arten)	495mm, Rod diam. 160 mm weight of assembly without oil 8.5 ton.			
马加哥	Test pressure Piston side 300 BAR & rod side 10 BAR	ou(b)		
	ii) Thorough external cleaning of hydraulic cylinder, attending minor	via sii		
162	leakages of incoming /return pipeline with measuring necessary			
	instruments.	A with a		
1900	iii) Remove and replacement of pilot operated check valve its seals and	enilli (i		
elani.	Tillgs & all necessary mechanical control parts shown in drawing	e motel		
Rods, PA	ly) Remove and replacement of hose pines of cylinder connected	r HVIend		
-	anough hydraunc pipeline	i larien		
	V) Thorough internal checking with the help of probe with its	Star?		
	1 Poulon Topolis also servicing and maintenance of budges!			
3)	The wind income and in the state of the stat			1,54
3)	Replacing all pressure line pilot line and return 1' 2 xx 1		-	
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	All cold drawn seamless steel (CDSS) piping with chrome plating as	Set		
		101		
	i) Pilot line OD 10mm x 1.5mm = 76000mm			-, " - "-
	ii) Main line OD 25mm x 1.5mm = 76000mm iii) Return line OD 29			
	111) 100mil IIII ()) 3Xmm v /mm - 10400		4.	
	iv) Cylinder to prefill tank line OD 50 mm x 2.5 mm = 14000 mm	a 1		

4) S	upply of OEM mechanical control parts as per Hydraulic circuit.	02		V
	Suction strainer SC3-030-BSPP-149 – 05 Nos.	Set	12	
	Air breather TB 35 – 01 No.	Set		
	Level Gauge LG2 - 10" - 01 No.	Aug.		
4)	Oil Level Trans. Hose-1/2" - 1m + shutoff valve 1/2" - 01 No.			1
(5)	Float switch FGSI-C-110-1WW,1 1/2"BSP m, Stem length-			1
7	1150mm, switching length - 1000 mm. – 01 No.			
	Retune line filter, CFR-250-12-B-10-ER – 01 No.	1 6 C		
7)	Drain Valve Ball type 1"BSP – 01 No.			
8)	Flexible coupling HYDA48 – 02 Nos.	2.00	7,	
9)	minic check v/v, C11-10-3-2080 - 02 1908.	មន្តេកូទ		
10) Inline check V/V, CIT-03-5-2080 - 01 No. 1 and 7 to began and small the	Kirt-3	er a final	
13 r11	Pressure Switch IPS-350-30 – 01 No.			
12) Single Station gauge isolator GIP-G1/4"(F) Panel – 01 No.	ARNW		
13	Pressure relief valve, BSG-06-2B3B-A240-N1-4680 - 01 No.	th di	- 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
14	Pressure gauge 0-400 Bar, Glyfilled 6" dial, 3/8", BCPM - 01 No.	ar om		2.7
	Thermostat 5-90 deg C., diam. 8 mm, stem 275 mm			
7	Temperature Gauge 4" dial, 0-120 deg C., stem -1100 mm,	Sins		
12014 had	1/2" BSP - 01 No. 1 Et - mort waite vide down blands ratio saft			
16	Check Valve CRG-06-05-50 - 01 No. granting a bactering day	hasti		
	Poppet D. C. Valve DSLG-01-3-O-R200-N-10 - 01 No. 200 Mark 200			
18	Damper $1/4$ "Fx $1/4$ "M – 02 No.			30
10)	Shut Off Volvo 1 1/4" O2 No	1970		26
20)	Relief Valve BT-06-P-3280 – 01 No.	1897		1
	Cartridge Valve LD-16-05-S-1-X-05-12 - 01-No. and A and a segment	W.		
22)	Port Relief Valve YBG-01-250-1080 - 01 No. 4 across 52444 (1)			
23)	Shut Off Valve (Rell Valve) 11/2"PSD 20 Dec 02 Mar.	P		
24)	Shut Off Valve (Ball Valve) 11/2"BSP, 20 Bar - 03 Nos.			
25)	Shut Off Valve 11/4", 200 bar – 02 Nos.			
5) Rate	Shut Off Valve SML-10T-10 = 02 Nos saladaya har have saladaya			
	es for removing & replacement of Hydraulic cylinder & their	02		74
inte	mal parts by means of heavy duty cranes, labor, sundry material	Nos.		
etc.	Herei milicalor and presente switch with (nessure energes with necessary temened misphupance work as net defauted Drawing of	/Job		

The rates quoted should be inclusive of all Material, labour, Machining, loading, unloading, transportation, erection, commissioning with test & trial. Etc. but excluding GST. repection, Haintenance and Repair of lydradic Cylodect

a) Servicing and Maintenance of Hydraulic practics - 2 Nos., motor

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Replacing all pressure that pulm has and remai has of Hydraghia

III cold drawn schuless steel (CDS) niping units obsolute awards the III per tellerving dimensions with coupiling in litting of corbon stock Tasa pressure of 290 har & werning pressure of 182 Bar (to per Drawing)

This budgetary offer is called for estimation purpose only.

suple larger of 10000 and Action discre This information is required for the purpose of framing of working estimates and hence urgency. This Budgetary offer is also available on website www.wrd.maharashtra.gov.in Bidder is requested to act in given time frame. and another cylinder, and are herested in granting to herested in the control of the control of the cylinder.

n Procuss Oil Dinas Sent Ben Hill Guna

in) Ketann ne (H. Camp x I am - 10400mir

Maca ilac OD ... sum sel Sum = 75000mm -

Power pack & cylinder system.

No. MDS/PB-2 / 1267 /2025

Office of the Executive Engineer, habitage today to intermediate the event (A. R. Kalmegh) Mechanical Division, Krishnanagar, answer in an addition of the securive Engineer Satara. Pin Code - 415003 to acquire sand to human colors had Mechanical Division, Satara

e-mail - <u>eemdsatara@gmail.com</u>

Date - 2005 / 405 /2025 o glast odd this gardands tagain a light of light