

**MORMUGAO PORT AUTHORITY
ENGINEERING MECHANICAL DEPARTMENT
MMS SECTION-BAINA**

Ref. no.CME/XEN(M)/PUMP/2022/

Dt. 29/07/2022

Sub: Budgetary Quotation for Annual Rate Contract (ARC) for a period of one (1) years for carrying out breakdown repairs works on various capacity of water pumps installed in and around Port.

Mormugao Port Authority (MPA) is intending to obtain Annual Rate Contract (ARC) for a period of one (1) years for carrying out breakdown repairs works on various capacity of water pumps installed in and around Port as per Annexure-II. However, the contract may be renewed for further period of one (1) year at the same rates, terms and conditions, with mutual consent.

Scope of work and other salient terms and terms & conditions of the contract are enclosed as **Annexure-I.**

You are kindly requested to submit your budgetary offer for Annual Rate Contract (ARC) for a period of one (1) years to carrying out breakdown repairs works on various capacity of water pumps installed in and around Port as per the format enclosed as **Appendix-I & II.**

Your budgetary quotation should reach to this office on **17.08.2022 at 15:30 hrs**

Thanking you,

Yours faithfully,



**(Yashpal Singh Negi)
Executive Engineer(M)**

Correspondence Address: Executive Engineer(M),
Mechanical Maintenance Section, Baina,
Vasco-Da-Gama –Goa-403802.
Phone No.0832-2594246 Mb.No.9850474769.
Web site:<https://mptgao.gov.in>
e-mail:xenm.mpt@gmail.com

SCOPE OF WORK

1. GENERAL :

Mormugao Port Authority (MPA) intends to obtain Annual Rate Contract (ARC) for a period of one(1) years to carrying out breakdown repairs works on various capacity of water pumps installed in and around Port. However, the contract may be renewed for further period of one(1) year at the same rates, terms and conditions, with mutual consent.

1.1 These pumps are mainly used for pumping the water received from PWD and Sump/wells located within the vicinity of the Port for use of residential colony for drinking, tanker filling, supplying to the tugs and to control the dust at B.No.10 & 11 etc.

1.2 The details of pumps with capacity, Models & locations is detailed at **Annexure-II.**

2. SCOPE OF WORK :

- i) In case of breakdown of any pump, Contractor will be intimated telephonically to take up the repairs of pumps.
- ii) On receipt of such intimation, contractor shall depute his personnel at pump site for dismantling of the pump and assess the spares required in presence of Port representative for making the pump ready in all respect.
- iii) The Port Engineer shall thereafter give in writing the details of the repairs to be carried out to the failed pump and list out the spares required to be replaced to put the pump back into operation.
- iv) The contractor shall replace all the defective / worn out spares parts in concurrence with Port Representative. The works shall be carried out by the contractor as per the direction of Port representative.
- v) Contractor is also required to supply and install all other spares which are required but not listed out at **PRICE SCHEDULED APPENDIX-II** as may be required for successful commissioning of pump.
- vi) After necessary repair/ overhauling and assembling of the pump, the same shall be transported back to its original operational locations at Port. Installation and commissioning of the pump at its operational location shall be done by the contractor in the presence of the MPA officials for successful trials.
- vii) The pump shall be repaired by the contractor within 4 days after handing over of the failed pumps and receipt of written direction of Port's representative.
- viii) Total installed quantity of the pumps along with their locations, capacity model no., make etc. covered under this contract is indicated at **Annexure-II.**

- ix) The contractor shall maintain a register for breakdown/repair indicating details such as time of breakdown, time of completion, etc. for each pump and shall be certified by Port representative after the completion of breakdown work.

3. **PERIOD OF CONTRACT:**

The rates accepted by the Port shall be fixed and effective for a contract period of one (1) year from the date of receipt of acceptance of LOA/Purchase order. However, the contract may be renewed for further period of one(1) year at the same rates, terms and conditions, with mutual consent.

4. **OTHER CONDITIONS.**

- i) Tenderer shall inspect / assess the amount of work involved and then quote accordingly. The prospective tenderer should examine the scope of work involved and fully appraise the same and ensure prompt and satisfactory work.
- ii) A detailed list of various types pumps are indicated in the **PRICE SCHEDULED APPENDIX-I & APPENDIX-II**. The tenderer is generally required to indicate unit prices for items/spares in schedule for which he is intending to execute successfully in due time.
- iii) **The rates quoted at PRICE SCHEDULED APPENDIX-I shall be inclusive of dismantling of the pump, shifting the pump to & fro from the operational location, repairs, replacement of all other spares require for successful commissioning of pump but not listed out at PRICE SCHEDULED APPENDIX-II.**
- iv) Any damages taking place to equipment due to negligence of contractor will have to be rectified/repared by contractor at his own cost.
- v) The contractor shall utilize his own transport without incurring any expenditure to the Port.
- vi) The list is only indicative and does not guarantee that all these pumps will come for repairs.
- vii) The contractor has to maintain a close liaison with the concerned Port Engineer (Executive Engineer (M)/ MMS Section, Baina) and ensure that the work is attended as per site requirements and in accordance with relevant statutory and safety.
- viii) The entire work of repairs and spares replaced shall be guaranteed for Six months from the date of successful trials of the repaired pumps. If the pump fails within the guarantee period of six months due to wrong workmanship / defective spares, the same shall be replaced / repaired free of cost by the contractor.

Annexure-II

Sr. no	Capacity	Pump Model	Pump type	Make	No. of pumps	Location of pumps	Source of water	Purpose of pumps
1.	60 HP	DSM 65/20	Horizontal split casing type, two stage	Kirloskar	2	MM Complex	From Sump well	Sump water pumped to old power house ground tank near IOC building/Gate no.9 vasco.
2.	40 HP	DSM 50/20	Horizontal split casing type, two stage	Kirloskar	3	Old Power House near Gate no.9 IOC building	From MM Complex at Baina (Sump well)	Water pumped ground tank to overhead tank and by gravity water supplied to various locations inside the Port operation areas.
3.	30 HP	DSM 65/32 A	Horizontal split casing type, two stage	Kirloskar	3	Steamer Tank Midland near Sada bus stand	From 1) PWD 2) Jetty well	Water pumped to overhead, surface tank and underground tanks located at Headland Reservoir behind the Deepvihar Primary School Sr.no.1 above
4.	30 HP	NADL/54 (4UP3)	Horizontal split casing type, two stage	Crompton Greeves	3	Surface Tank behind new hospital	From PWD	For New MPT hospital. There is also option to pump this water to Sr.No.1 location.
5.	30 HP	DB 65/20	Horizontal shaft type, single stage, single suction	Kirloskar	2	Jetty well near Fire Station	From sump well	1) Water pumped to Steamer Tank Midland near Sada bus stand Sr.2 above. 2) It has a tanker filling point where the tankers are brought and filled and supplied to the area where there is shortage of water supply.
6.	20 HP	KDS 2050++	Monoblock	Kirloskar	2	Headland Reservoir (Surface tank-Over head tank)	From steamer tank midland near Sada bus stand	Water from surface/ underground tank pumped to overhead tanks and by gravity water is supplied to the residential colony at Sada
7.	20 HP	KDS 2050++	Monoblock	Kirloskar	2	Headland Reservoir (Surface tank-Undergorund tank)	From steamer tank midland near Sada bus stand	Water from surface/ underground tank pumped to overhead tanks and by gravity water is supplied to the residential colony at Sada.

8.	20 HP	KDS 2050++	Monoblock	Kirloskar	2	STP Station near Japanese garden "A" Type	Wastewater from residential colony	Final treated sewage water is pumped to ISW & Garden located at Colony
9.	10 HP	KDS 1030++	Monoblock	Kirloskar	2	Headland Reservoir filter plant. (Raw water filtered and than supplied to overhaed tank)	From Bore well located at various points at Port Colony sada	Water from surface/ underground tank pumped to overhead tanks and by gravity water is supplied to the residential colony at Sada
10.	10 HP	KDS 1030++	Monoblock	Kirlosakar	2	Bogda residential colony	From PWD & Borewell	Water pumped only for Bogda residency colony only. During non supply of PWD water, filled tanker from Jetty well brought and supplied tank and than pumped to colony.
11.	10 HP	KDS 1030++	Monoblock	Kirloskar	1	Destero residential colony neae El-Mont	From PWD	Water pumped only for Destero residency colony only.
12.	7.5 HP	KDS 852++	Monoblock	Kirloskar	2	Baina residential colony	From PWD	Water pumped only for Baina residency colony only.
13.	7.5 HP	KDS 852++	Monoblock	Kirloskar	2	New A. O Building Headland Sada		For Gardening
14.	5 HP	SP-3L+M	Monoblock	Kirloskar	12	STP Station near Japanese garden "A"	Wastewater from residential colony	Installed at equalisation tank
15.	5 HP		Monoblock	Kirloskar	2	STP Station near MPT Hospital	Wastewater from MPT Colony	Function is blow the air in the waste collection tank
16.	5 HP		Monoblock	Kirloskar	1	CISF Unit Colony	Surface Tank behind new hospital	Used to supply only for CISF Barracks
17.	3 HP		Monoblock	Kirloskar	1	STP Station near Japanese garden "A" Type	Wastewater from residential colony	Used for gardening within the STP plant
18.	3 HP		Monoblock	Kirloskar	3	STP Station near MPT Hospital	Wastewater from MPT Colony	Function is to lift the sludge water from collection tank to final tank

19	3 HP		Monoblock	Kirloskar	5	New A. O Building Headland Sada		Used for drinking and washing, for fountain (located inside entrance of A.O building), used for fountain inside the compound near DCD Section.
20.	3 HP		Monoblock	Kirloskar	1	Old A.O Building open well	From sump well	Used to supply only for Old A.O Building.
21.	3 HP		Monoblock	Kirloskar	1	IOC Building near Gate No.9	Old power house	Used to supply only for IOC building.
22.	2 HP		Monoblock	Kirloskar	1	STP Station near MPT Hospital	Wastewater from MPT Colony	Water from Final tank pumped to use in the garden.
23.	2 HP		Monoblock	Kirloskar	1	Signal Station near "D" type Quarters	Headland Reservoir (Surface tank-Overhead tank)	Used to supply only for Signal station building.
24.	2 HP		Monoblock	Kirloskar	1	Port Guest House	Headland Reservoir (Surface tank-Overhead tank)	Used to supply only for Guest house and gardening
25.	1 HP		Monoblock	Kirloskar	1	New A. O Building Headland Sada		Used for gardening outside A.O Building. Compound located on the way to church.

PRICE SCHEDULE

APPENDIX-I

Sr. No	Item Description	Units	Rates per breakdown for pumps model listed below									
			DSM 65/20	DSM 50/20	DSM 65/32A	NADL - 54 (4UP3)	DB 65/20	KDS-2050+	KDS 1030++	KDS 852	SP-3L +M	Kirloskar Monoblock 3/2/1 HP
1.	Cost towards dismantling of the pump, repairs, replacement of all other spares required for successful commissioning of pump but not listed out at PRICE SCHEDULED APPENDIX-II, assembling and successful trials of the Pump.	Lump Sum										

Note: Refer Annexure-I, for make of the pumps, capacity and quantity of pumps installed at MPA before quoting the rates.

PRICE SCHEDULE**Appendix-II.****1. Rates for supply of spare parts for centrifugal pumps model DSM/65/20, DSM50/20, DSM65/32A & NADL-54(4UP3).**

Sr. no.	Description	Unit Price in Rs.			
		DSM 65/20	DSM 50/20	DSM 65/32A	NADL - 54 (4UP3)
1	Casing Half Upper				
2	Casing Half Lower				
3	Impeller, 1st stage				
4	Impeller, 2nd stage				
5	Pump Shaft				
6	Shaft sleeve, DE/NDE				
7.	Bearing				

2. Rates for supply of spare parts for centrifugal pump model for DB65/20.

Sr. no.	Description	Unit Price in Rs.
		DB 65/20.
1	Pump Casing	
2	Impeller	
3	Pump shaft	
4	Bearing Housing	
5	Support foot	
6	Bearing	

3. Rates for supply of spare parts for Monoblock pumps model KDS-2050+, KDS 1030++ and KDS 852.

Sr. no.	Description	Unit Price in Rs.		
		2050+	KDS 1030++	KDS 852
1	Delivery casing			
2	Impeller			
3	Mounting casing			
4	Stud(Delivery Casing and Suction flange)			
5	Stud(Delivery Casing and Mounting Casing)			
6	External fan			
7	Stator Fitted Motor body			
8	Rotor Fitted Shaft			
9	Bearing			

4. Rates for supply of spare parts for Monoblock pump model SP-3L +M.

Sr. no.	Description	Unit Price in Rs.
		SP-3L +M
1	Impeller	
2	Delivery casing	
3	Shaft	
4	Shaft Sleeve	
5	Bearing	