



An ISO 9001 : 2008 Port
ISPS CODE Compliant

MORMUGAO PORT TRUST
ENGINEERING MECHANICAL DEPARTMENT

NOTICE INVITING BUDGETORY OFFERS

FOR

“Dismantling of 3 Nos. Yard Conveyors (Conv. R5, R6 & R7) alongwith 3nos. Drive Houses comprising of Belting, Conveyor structures, Drives, EOT Cranes, etc and Transportation & Safe storage within the custom bound area of the Port.”

**Date of submission of budgetary offer at
15.00 hrs on 14/03/2017**

MORMUGAO PORT TRUST
ENGINEERING MECHANICAL DEPARTMENT

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1.	Name of Work	"Dismantling of 3 Nos. Yard Conveyors (Conv. R5, R6 & R7) alongwith 3nos. Drive Houses comprising of Belting, Conveyor structures, Drives, EOT Cranes, etc and Transportation & Safe storage within the custom bound area of the Port."
2.	Date of submission of offers	On or before 14/03/2017 at 1500 Hrs.
3.	Address for communication:	Executive Engineer (E-P) Engineering Mechanical Dept., Mormugao Port Trust, Mormugao, Goa - 403802.
4.	Contact Details	Phone :0832-2594208/2594255 Mob. 09552540386 Email : cme.mgpt@gmail.com , xenpw.mgpt@gmail.com
5.	Website	www.mptgoa.com

CHIEF MECHANICAL ENGINEER
MORMUGAO PORT TRUST

SECTION - I
TECHNICAL SPECIFICATIONS

1.0. GENERAL

Mormugao Port Trust (MPT) is an ISO: 9001-2008 certified Major Port in India, under Ministry of Shipping, Govt. of India. It is situated on the West Coast of India, in the State of GOA at latitude 15° 25N and longitude 73° 47 E. The average temperature is 32⁰ C.

2.0 BACK GROUND

Mormugao Port Trust commissioned 3 Nos. Yard Conveyor nos. conv. R5, R6 and R7 with Drive Houses in the year 2014 at berth no.9. However, as the Port has decided to develop the berth no. 9 as a General Cargo Berth through PPP operator, the above conveyors need to be removed as the area to be handed over to the PPP operator. The conveyors alongwith the Drive Houses are to be dismantled, stored for re-use in alternative location.

3.0 TECHNICAL DETAILS.

Sr. No.	Description	Conv. R5	Conv. R6	Conv. R7	Total
1	Total length of Conveyor	779 mtrs	754 mtrs	714 mtrs	2247 mtrs
2	Fabric belt 1400mm wide Type NN1600/4.	1612 mtrs	1560 mtrs	1482 mtrs	4654 mtrs
3	Std. & non std. Ground Module 1400 B/W (6mtrs each apprx.)	121 nos.	117 nos.	113 nos.	351 nos.
4.	No. of Pulleys	8nos	8nos	8nos	24 nos.
5.	No. of Idlers				
a	Fixed carrying idlers	72	64	60	196nos.
b	Garland carrying idlers	696	672	642	2010 nos.
c	Garland return idlers	252	243	234	729nos.
d	Fixed return idlers	18	17	17	50nos.
6	Primary Drive Motor 375 Kw	1	1	1	3
7	Secondary Drive Motor 150 Kw	1	1	1	3
8	Power and Control cables of various sizes mounted on the tray along the length of conveyor.	1 lot	1 lot	1 lot	3 lots
9	Belt take-up structure with counter weight	1 no.	1 no.	1 no.	3 nos.
10	Gear Box (Primary and Secondary)	2	2	2	6
11	Fluid Coupling (Primary and Secondary)	2	2	2	6
12	EOT Crane 7.5 T	1	1	1	3
13	Floor area of Drive House	226 m2	226 m2	260 m2	712 m2
14	Height of Drive House	17 mtrs	17 mtrs	17 mtrs	51 mtrs
15	Total weight of Conveyor including Drive Houses and Conv. Structures	408 MT	399 MT	393MT	1200 MT
16	Power and Control panels at E-house and drive house

4.0. SCOPE OF WORK

A. DISMANTLING OF CONVEYORS :

- i) Safe removal of the belting of all the conveyors. Belting shall be cut in a single length from joint to joint. Apprx. length of the belting between each joint is about 215 mts.
- ii) Dismantling of the standard and non standard conveyor ground modular structures by loosening the foundation bolts without damaging the modules.
- iii) Dismantling of Pulleys, idlers, walk ways, Deck plates, Counter weight structures, Gear boxes, motors, Fluid Couplings, Steel wire ropes, Guards, Pull cords, Limit switches and all Electrical Panels alongwith cables installed at Drive Houses and E-house etc without any damage.
- iv) Careful transportation of the dismantled material to the MM store, Baina (about 2 km from site) or any other location within the custom bound area of the Port and properly stacking at the designated place, under supervision of Port.
- v) The power and control cables laid on the tray throughout the length of the conveyors shall be removed in a single length, rolled on a drum and stored at MM Division.

B. DISMANTLING OF THE DRIVE HOUSES (DH10, DH11 &DH12)

- i) All the GI sheets of the drive houses to be removed by loosening the fastening screws without damaging the sheets.
- ii) The trusses/ columns of the houses to be removed by removing the bolts. The welded joints to be dismantled by removing the weld material, under supervision of the Port engineer.
- iii) The concrete foundations of the columns and drives shall be broken till ground level and the site shall be cleared from debris.
- iv) All the dismantled material shall be carefully transported to the MM store, Baina (about 2 km from site) or any other location within the custom bound area of the Port and properly stacked at the designated place, under supervision of Port.

5.0 OTHER TERMS AND CONDITIONS OF WORK.

- a.** No damage shall be done to the conveyor and drive structure while executing dismantling the work as the same will be re-erected and reused in future.
- b.** Stacking of the dismantled materials shall be done carefully in an orderly manner for proper identification and tagged as directed by the Port engineer.
- c.** The bolted joints of the structures shall be dismantled by loosening the bolts only.

- d.** Gas cutting of only such structures may be carried out as permitted by Port and Port's supervisor.
- e.** All tools, tackles, cranes and manpower required for carrying out the work shall be arranged by the contractor.
- f.** The prices shall be quoted as per the format at Annexure-I.
- g.** The prices shall be inclusive of all taxes and duties. Service tax will be paid extra as applicable.
- h.** Entry passes towards man and vehicles shall be on chargeable basis as per the Port's schedule of rates.
- i.** No damages shall be caused to Port property while executing the dismantling the work.
- j.** The party shall inspect the site before submission of his quotation.

6.0 Completion period :

The work shall be carried out in 60 days from the date of issue of work order.

.....END.....

Annexure-I

SECTION - II

BILL OF QUANTITIES

NAME OF THE WORK : "Dismantling of 3 Nos. Yard Conveyors (Conv. R5, R6 & R7) alongwith 3nos. Drive Houses comprising of Belting, Conveyor structures, Drives, EOT Cranes, etc and Transportation & Safe Storage within the custom bound area of the Port."

Sr. No.	Description of Work	Unit	Qty	Rate/Unit (Rs.)	Amount (Rs.)	
				Figure	Figure	In Words
1	Dismantling of 3 Nos. Yard Conveyors (Conv. R5, R6 & R7) comprising of Belting, Drives, Conveyors, Structures (modules) etc as per the scope of work	No	3			
2	Transportation and storage of the dismantled conveyors as per the scope of work.	No	3			
3	Dismantling of Drive Houses including EOT cranes etc as per the scope of work	No	3			
4	Transportation and storage of the dismantled Drive Houses and EOT cranes as per the scope of work.	No	3			
5	Total (1 to 4)					

Note : The offered rates shall be inclusive of all taxes and duties. Service tax will be paid extra as applicable.

