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भारत सरकार

GOVT. OF INDIA

पत्तन, पोत परिवहन और जलमार्ग मंत्रालय

Ministry of Ports, Shipping & Waterways

भारतीय अन्तर्देशीय जलमार्ग प्राधिकरण

INLAND WATERWAYS AUTHORITY OF INDIA

Pandu Port Complex, Pandu, Guwahati – 781 012, Assam

No. IWAI/GHY/FJB VIII/4(27)/2009-10/ 732

5th September 2023

To,

M/s Maa Vindhyawasni Enterprises
Sarvan Surya Complex, Shakuntala Market,
Keshari Nagar, Patna – 800 024

Sub:- Work order for "Repair of Floating Pontoons (FJB-I, FJB-IV, FJB-VIII, FJB-XII & FJB-XV) for the year 2023-24" – reg.

Ref:- 1. NIT No.: IWAI/Gw-13023/1/2023, dt. 17.8.2023

2. Your E-Bid no.: NIL, dt. 20.8.2023

Sir,

With reference to the above, Inland Waterways Authority of India (IWAI), RO Guwahati is pleased to place the work order for "Repair of Floating Pontoons (FJB-I, FJB-IV, FJB-VIII, FJB-XII & FJB-XV) for the year 2023-24" at a total cost of **Rs. 24,28,504/- (Rupees Twenty four lakh twenty eight thousand five hundred and four only)** which is 1.20% less to print amount of NIT **exclusive of GST as applicable** in accordance with the terms & conditions of the contract. Detailed Bill of Quantity is attached as Annexure – I for your reference.

2. It is requested to deposit an amount of **Rs. 1,21,425/- (Rupees One lakh twenty one thousand four hundred and twenty five only)** as Performance Guarantee i.e., 5 % of the contract value of the work within 15 days from the issue of this letter as per Clause 3 of General Conditions of Contract (GCC). In addition to the above, a security deposit equivalent to 5% of the contract value i.e., **Rs. 1,21,425/- (Rupees One lakh twenty one thousand four hundred and twenty five only)** will be deducted from RA bills as per Clause 4 of the General Conditions of Contract.

3. The payment shall be made as per Clause 40 "Payment on Account" of the General Conditions of Contract (GCC).

4. The contractor shall commence the work at the respective site within 7 days of the issue of letter of award.

5. The whole work has to be completed within a period of 30 days from receipt date of this letter. The work has to be completed as per terms & conditions of contract.

6. In Case of delay in completion of work, the liquidity damage @1.5% per month subject to a maximum of 10% will be applicable as per Clause 35 of General Conditions of Contract (GCC).

7. Director, IWAI, Guwahati shall be the Engineer-In-Charge for the subject work.

8. It is requested to acknowledge the receipt of this work order and attend this office along with two non-judicial stamp papers of Rs. 200/- to enter into an agreement within 7 days.

Yours faithfully,

Encl:- as stated above

(A. Selvakumar)

Director

E-mail: aselvakumar.iwai@nic.in

Phone:- 0361-2676925

Copy to:-

The Jr. Accounts Officer, IWAI, Guwahati.

Head Office :- I.W.A.I., A – 13, Sector – 1, NOIDA – 201 301 (U.P.)

• E-mail :- iwainoi@nic.in • Phone No :- 0120-2543972, 2453973, 2544004, 2521664, 2544036, 2522971.

BOQ FOR Repair of Floating Pontoons (FJB-I, FJB-IV, FJB-VIII, FJB-XII & FJB-XV) for the year 2023-24

Sl.No	Description of Work	Unit	Qty	Rate (in Rs.)	Amount (in Rs.)	
					Labour	Spare
For FJB-I						
1.00	Cropping & renewal of damaged deck plate(9m * 9 m) & side plate (2m*4m) ,anchor winch structure ,inside manhole , 8 nos air vent pipe(0.25 m 0.04m dia) along with other fitment to be done with existing thickness of the plate as per OEM as required as per direction EIC.	kg	350	197.60	69160.00	
2.00	Servicing of both side anchor wiches forward and aft after repair/renewal of ferule, and PB Bush for smooth movement of gear as required, checking/ repair of driving gear unit including calibration/ painting of chains as required for proper operation and Inspection of all tanks for leakage and damage of plating as per direction of EIC.	comp job	1	29640.00	29640.00	
3.00	Chipping, wire brushing and cleaning of the main deck, shipside (P&S) & fore & aft side,winch structure ,vent pipes ,inside all tanks ,bulk head plates, inside cabin etc.for painting of all ship side area above water level & main deck alongwith all accessories including chains, deck fittings, cabin etc. to be done with one coat of zinc chromate yellow primer followed by two coats of existing colour anti crossive marine standard paints of 100 micron each with one PU coat paint with authorized paint manufacturer as required as per direction of EIC.	sqm	300	247.00	74100.00	
4.00	Renewal of damaged steel nut & bolts (M16x40 L) and washers of all manholes. And supply and fitting of damaged gasket (3mm) for all manholes with reputed gasket for arresting the water to enter into bulkheads as per direction of EIC	comp job	1	19760.00	19760.00	
5.00	Provision for supply toolbox including 5 nos screw driver set and 5 nos oen ended wrench ,screw wrench , iron hammer etc and first aid kit for 2 person .	LS	1	7904.00	7904.00	
6.00	Providing 2 layer tarfelt (menthol sheet) on top crew cabin size 10' x 10' including labour & materials.	Sqm	100	98.80	9880.00	
7.00	Crew cabin bunk board to be renewed including labour & materials.	No.	2	2964.00	5928.00	
8.00	Making of required hook support to tie up tyre fender on both side of deck and supply and fitting of 10 nos tyre fender with bull dog clamp as per direction of EIC.	comp job	1	39520.00	39520.00	
9.00	Installation and fitting of portable bathroom with Orissa pan toilet seat along with drainage to be linked with sewage tank which also need to be constructed of dimension(2*0.7*0.7)m with 6 mm MS plate making tank partition at 50 cm on aft side of deck as required as per direction of EIC.	comp job	1	123500.00	123500.00	

Sl.No	Description of Work	Unit	Qty	Rate (in Rs.)	Amount (in Rs.)	
					Labour	Spare
10.00	Provision /Repair for Solar plate , If renewal of solar plate to be done same to be of capacity 100 KW , checking ,repair /renewal of 150 Ah/12v battery and supply of 3 nos light with fitting for night lighting system.	comp job	1	4940.00	4940.00	
10.01	Cost of spare / materials (actual + 10 %)	LS	1	24700.00		24700.00
11.00	Supply and fitting of good quality 1 nos mattress,1 nos pillow and pillow cover ,1 nos bedsheet ,1 nos mosquito net and standard wall mounted 2 nos fan of about 300mm blade diameter.	comp job	1	14820.00	14820.00	
12.00	Provision for supply and fitting of 1 nos salwood ladder size (18' x 1' x 2") and 1 nos salwood bench size (6'x2'x1.5') and carpentry work for making arrangement of wooden slab for kitchen along with supply of good quality kitchen utensil -cooker,chulha ,kadahi 1 nos each ,2 plate ,2 bowl,iron bucket and candle water filter as required as per direction of EIC.	comp job	1	59280.00	59280.00	

For FJB-IV

13.00	Cropping & renewal of damaged deck plate(3m * 3 m) & side plate ,anchor winch structure ,inside manhole tanks , 3 nos air vent pipe(0.25 m 0.04m dia) ,cabin (1sqm) along with other fitment to be done with existing thickness of the plate ,solar panel pole fitting damaged same to be repaired as required as per direction EIC.	kg	200	197.60	39520.00	
14.00	Servicing of both side anchor wiches forward and aft , PB Bush for smooth movement of gear as required, checking/ repair of driving gear unit as required for proper operation. All tanks inspection for leakage and damage ,3 tank plating damaged and have leakage same to be repaired as per direction of EIC .	comp job	1	19760.00	19760.00	
15.00	Chipping, wire brushing and cleaning of the main deck, shipside (P&S) & fore & aft side,winch structure ,vent pipes ,inside all tanks ,bulk head plates, inside cabin etc.for painting of all ship side area above water level & main deck alongwith all accessories including chains, deck fittings, cabin etc. to be done with one coat of zinc chromate yellow primer followed by two coats of existing colour anti crossive marine standard paints of 100 micron each with one PU coat paint with authorized paint manufacturer as required as per direction of EIC.	sqm	300	247.00	74100.00	
16.00	Renewal of damaged steel nut & bolts (M16x40 L) and washers of all manholes .	comp job	1	2964.00	2964.00	
17.00	Supply and fitting of 3 nos damaged gasket (3mm) for manholes with reputed gasket for arresting the water to enter into bulkheads as per direction of EIC.	comp job	1	2964.00	2964.00	

Sl.No	Description of Work	Unit	Qty	Rate (in Rs.)	Amount (in Rs.)	
					Labour	Spare
18.00	Provision for supply toolbox including 5 nos screw driver set and 5 nos open ended wrench ,screw wrench , iron hammer etc and first aid kit for 2 person .	LS	1	7904.00	7904.00	
19.00	Providing 2 layer tarfelt (menthol sheet) on top crew cabin size 10' x 10' including labour & materials.	Sqm	100	98.80	9880.00	
20.00	Crew cabin bunk board to be repair /renewal including labour & materials	No.	2	2964.00	5928.00	
21.00	Making of required 5 nos hook support to tie up tyre fender on both side of deck and supply and fitting of 14 nos tyre fender with bull dog clamp and supply of 3 nos tailpost as per direction of EIC.	comp job	1	59280.00	59280.00	
22.00	Installation and fitting of portable bathroom with Orissa pan toilet seat along with drainage to be linked with sewage tank which also need to be constructed of dimension(2*0.7*0.7)m with 6 mm MS plate making tank partition at 50 cm on aft side of deck as required as per direction of EIC.	comp job	1	123500.00	123500.00	
23.00	Checking of solar panel plating and renewal of 150 Ah/12v battery with box fitting and supply of 3 nos light with fitting for night lighting system.	comp job	1	4940.00	4940.00	
23.01	Cost of spare / materials (actual + 10 %)	LS	1	14820.00		14820.00
24.00	5 nos window fitting have water leakage so ss plate or sheet arrangement to make to stop the leakage .	NO.	5	2964.00	14820.00	
25.00	Supply and fitting of good quality 2 nos mattress with fitting ,2 nos pillow and pillow cover ,2 nos bedsheet ,2 nos mosquito net and standard wall mounted 2 nos fan of about 300mm blade diameter.	comp job	1	19760.00	19760.00	
26.00	Supply and fitting of 1 coil PP rope (36mm) and 100 m wire rope (10 mm)of reputed brand as per direction of EIC.	LS	1	39520.00	39520.00	
27.00	Provision for supply of 1 nos salwood ladder size (18' x 1' x 2") and 1 nos salwood bench size (6'x2'x1.5') and carpentry work for making arrangement of wooden slab for kitchen ,snaplock repair along with supply of good quality kitchen utensil -cooker,chulha ,kadahi 1 nos each ,2 plate ,2 bowl , 1 nos iron bucket and candle water filter each as required as per direction of EIC.	comp job	1	59280.00	59280.00	
For FJB- VIII						
28.00	Cropping & renewal of damaged deck plate(4m * 3 m) & side plate ,anchor winch structure ,inside manhole tanks , air vent pipe ,cabin (8sqm) along with other fitment to be done with existing thickness of the plate as required as per direction EIC.	kg	150	197.60	29640.00	

Sl.No	Description of Work	Unit	Qty	Rate (in Rs.)	Amount (in Rs.)	
					Labour	Spare
29.00	Servicing of both side anchor wiches forward and aft , PB Bush for smooth movement of gear as required, checking/ repair of driving gear unit as required for proper operation. All tanks 10 nos inspection for leakage and damage as per direction of EIC .	comp job	1	19760.00	19760.00	
30.00	Chipping, wire brushing and cleaning of the main deck, shipside (P&S) & fore & aft side, winch structure , vent pipes ,inside all tanks ,bulk head plates, inside cabin (white paint) etc.for painting of all ship side area above water level & main deck alongwith all accessories including chains, deck fittings, cabin etc. to be done with one coat of zinc chromate yellow primer followed by two coats of existing colour anti crossive marine standard paints of 100 micron each with one PU coat paint with authorized paint manufacturer as required as per direction of EIC.	sqm	300	247.00	74100.00	
31.00	Renewal of damaged steel nut & bolts (M16x40 L) and washers of all manholes	comp job	1	3952.00	3952.00	
32.00	Supply and fitting of 3 nos damaged gasket (3mm) for manholes with reputed gasket for arresting the water to enter into bulkheads as per direction of EIC.	comp job	1	2964.00	2964.00	
33.00	Provision for supply toolbox including 5 nos screw driver set and 5 nos oen ended wrench ,screw wrench , iron hammer etc and first aid kit for 2 person .	LS	1	7904.00	7904.00	
34.00	Providing 2 layer tarfelt (menthol sheet) on top crew cabin size 10' x 10' including labour & materials.	Sqm	100	98.80	9880.00	
35.00	Crew cabin bunk board to be repair /renewal including labour & materials	No.	2	2964.00	5928.00	
36.00	Making of required 4 nos hook support to tie up tyre fender on both side of deck and supply and fitting of 10 nos tyre fender with bull dog clamp, fitting of rubber fender alongside of port and stbd side plating of 33m each and supply of 1 nos tailpost as per direction of EIC.	comp job	1	69160.00	69160.00	
37.00	Installation and fitting of portable bathroom with Orissa pan toilet seat along with drainage to be linked with sewage tank which also need to be constructed of dimension(2*0.7*0.7)m with 6 mm MS plate making tank partition at 50 cm on aft side of deck as required as per direction of EIC.	comp job	1	123500.00	123500.00	
38.00	Checking of solar panel plating and renewal of 150 Ah/12v battery with box fitting and supply of 3 nos light with fitting for night lighting system.	comp job	1	4940.00	4940.00	
38.01	Cost of spare / materials (actual + 10 %)	LS	1	14820.00		14820.00

Sl.No	Description of Work	Unit	Qty	Rate (in Rs.)	Amount (in Rs.)	
					Labour	Spare
39.00	5 nos window fitting have water leakage so ss plate or sheet arrangement with locking to make to stop the leakage .Tinsed arrangements to make infront of cabin as per direction of EIC.	comp job	1	24700.00	24700.00	
40.00	Supply and fitting of good quality 2 nos mattress with fitting ,2 nos pillow and pillow cover ,2 nos bedsheet ,2 nos mosquito net and standard wall mounted 2 nos fan of about 300mm blade diameter.	comp job	1	19760.00	19760.00	
41.00	Supply and fitting of 1 coil PP rope (36mm)of reputed brand as rquired as per direction of EIC.	LS	1	29640.00	29640.00	
42.00	Provision for supply of 1 nos salwood ladder size (18' x 1' x 2") and 1 nos salwood bench size (6'x2'x1.5') and carpentary work for making arrangement of wooden slab for kitchen and table ,snaplock repair along with supply of good quality kitchen utensil -cooker,chulha ,kadahi 1 nos each ,2 plate ,2 bowl ,1 nos iron bucket and candle water filter each as required as per direction of EIC.	comp job	1	59280.00	59280.00	

For FJB- XII

43.00	Cropping & renewal of damaged deck plate(7 m*3m) & side plate ,anchor winch structure and anchor line ,inside manhole tanks , air vent pipe(0.25 m 0.04m dia) ,cabin ,1 davit post plating damaged same to repair along with other fitment to be done with existing thickness of the plate as required as per direction EIC.	kg	150	197.60	29640.00	
44.00	Aft stbd and port anchor piping housing and side plating damaged which was blanked with deck plating temporarily to stop water ingress same plating and piping housing plating to repair /renew with new plating as per direction of EIC.	kg	100	198.00	19800.00	
45.00	All tanks inspection for leakage and damage as per direction of EIC .	comp job	1	9880.00	9880.00	
46.00	Chipping, wire brushing and cleaning of the main deck, shipside (P&S) & fore & aft side,winch structure ,vent pipes ,inside all tanks ,bulk head plates, inside cabin etc.for painting of all ship side area above water level & main deck alongwith all accessories including chains, deck fittings, cabin etc. to be done with one coat of zinc chromate yellow primer followed by two coats of existing colour anti crossive marine standard paints of 100 micron each with one PU coat paint with authorized paint manufacturer as required as per direction of EIC.	sqm	300	247.00	74100.00	
47.00	Renewal of damaged steel nut & bolts (M16x40 L) and washers of all manholes .	comp job	1	5928.00	5928.00	

Sl.No	Description of Work	Unit	Qty	Rate (in Rs.)	Amount (in Rs.)	
					Labour	Spare
48.00	Provision for supply toolbox including 5 nos screw driver set and 5 nos open ended wrench ,screw wrench , iron hammer ,hammer etc and first aid kit for 2 person .	LS	1	9880.00	9880.00	
49.00	Providing 2 layer tarpaulin (menthol sheet) on top crew cabin size 10' x 10' including labour & materials.	Sqm	100	98.80	9880.00	
50.00	Crew cabin bunk board to be repair /renewal including labour & materials	No.	2	2964.00	5928.00	
51.00	Making of required 3 nos hook support to tie up tyre fender on both side of deck and supply and fitting of 8 nos tyre fender with bull dog clamp and supply of 3 nos tailpost as per direction of EIC.	comp job	1	44460.00	44460.00	
52.00	Installation and fitting of portable bathroom with Orissa pan toilet seat along with drainage to be linked with sewage tank which also need to be constructed of dimension(2*0.7*0.7)m with 6 mm MS plate making tank partition at 50 cm on aft side of deck as required as per direction of EIC.	comp job	1	123500.00	123500.00	
53.00	Checking of solar panel plating and repair /renewal , checking of 150 Ah/12v battery and repair/renewal with box fitting and supply of 3 nos light with fitting for night lighting system.	comp job	1	4940.00	4940.00	
53.01	Cost of spare / materials (actual + 10 %)	LS	1	14820.00		14820.00
54.00	5 nos window fitting have water leakage so ss plate or sheet arrangement to make to stop the leakage and tin sheet arrangement to make in front of cabin as per direction of EIC.	comp job	1	24700.00	24700.00	
55.00	Supply and fitting of good quality 2 nos mattress with fitting ,2 nos pillow and pillow cover ,2 nos bedsheet ,2 nos mosquito net,1 nos torchlight and standard wall mounted 2 nos fan of about 300mm blade diameter as per direction of EIC.	comp job	1	19760.00	19760.00	
56.00	Supply and fitting of 1 coil PP rope (36mm) and 100 m wire rope (10 mm) of reputed brand as required as per direction of EIC.	LS	1	39520.00	39520.00	
57.00	Provision for supply of 1 nos salwood ladder size (18' x 1' x 2") and 1 nos salwood bench size (6'x2'x1.5') , 1 nos pick axe (kur)and carpentry work for making arrangement of wooden slab for kitchen along with supply of good quality kitchen utensil - tawa,cooker,chulha/stove ,kadahi 1 nos each ,2 plate ,2 bowl ,2 nos glass and teacup ,1nos roll out dough ,iron bucket and candle water filter each as required as per direction of EIC.	comp job	1	59280.00	59280.00	

Sl.No	Description of Work	Unit	Qty	Rate (in Rs.)	Amount (in Rs.)	
					Labour	Spare
For FJG- XV						
58.00	Cropping & renewal of damaged deck plate(4 m*3m) & side plate ,anchor winch structure and anchor line ,inside manhole tanks , air vent pipe(0.25 m 0.04m dia) ,cabin along with other fitment to be done with existing thickness of the plate as required as per direction EIC.	kg	200	197.60	39520.00	
59.00	Servicing of both side anchor wiches forward and aft , PB Bush for smooth movement of gear as required, checking/ repair of driving gear unit as required for proper operation All tanks inspection for leakage and damage as per direction of EIC .	comp job	1	19760.00	19760.00	
60.00	Chipping, wire brushing and cleaning of the main deck, shipside (P&S) & fore & aft side,winch structure ,vent pipes ,inside all tanks ,bulk head plates, inside cabin etc.for painting of all ship side area above water level & main deck alongwith all accessories including chains, deck fittings, cabin etc. to be done with one coat of zinc chromate yellow primer followed by two coats of existing colour anti crossive marine standard paints of 100 micron each with one PU coat paint with authorized paint manufacturer as required as per direction of EIC.	sqm	300	247.00	74100.00	
61.00	Renewal of damaged steel nut & bolts (M16x40 L) and washers of all manholes .	comp job	1	4940.00	4940.00	
62.00	Provision for supply toolbox including 5 nos screw driver set and 5 nos oen ended wrench ,screw wrench , iron hammer ,humber etc and first aid kit for 2 person .	LS	1	9880.00	9880.00	
63.00	Providing 2 layer tarfelt (menthol sheet) on top crew cabin size 10' x 10' including labour & materials.	Sqm	100	98.40	9840.00	
64.00	Crew cabin bunk board to be repair /renewal including labour & materials	No.	2	2964.00	5928.00	
65.00	Making of required 4 nos hook support to tie up tyre fender on both side of deck and supply and fitting of 8 nos tyre fender with bull dog clamp and supply of 3 nos tailpost as per direction of EIC.	comp job	1	44460.00	44460.00	
66.00	Repair /renewal of bathroom on deck along with drain line piping reair/renewal for proper sewage drainage and construction of sewage tank of dimension(2*0.7*0.7)m at 50 cm partition with 6 mm MS plate with fitting with earlier installed pipeline as per direction of EIC.	comp job	1	79040.00	79040.00	
67.00	Checking of solar panel plating and repair /renewal , checking of 150 Ah/12v battery and repair/renewal with box fitting and supply of 3 nos light with fitting for night lighting system.	comp job	1	4940.00	4940.00	
67.01	Cost of spare / materials (actual + 10 %)	LS	1	14820.00		14820.00

Sl.No	Description of Work	Unit	Qty	Rate (in Rs.)	Amount (in Rs.)	
					Labour	Spare
68.00	5 nos window fitting have water leakage so ss plate or sheet arrangement to make to stop the leakage and tinshet arrangement to make infront of cabin as per direction of EIC.	comp job	1	24700.00	24700.00	
69.00	Supply and fitting of good quality 2 nos mattress with fitting ,2 nos pillow and pillow cover ,2 nos bedsheet ,2 nos mosquito net,1 nos torchlight and standard wall mounted 2 nos fan of about 300mm blade diameter as per direction of EIC.	comp job	1	19760.00	19760.00	
70.00	Supply and fitting of 1 coil PP rope (36mm) and 100 m wire rope (10 mm) with reputed brand as required as per direction of EIC.	LS	1	39520.00	39520.00	
71.00	Provision for supply of 1 nos salwood ladder size (18' x 1' x 2") and 1 nos salwood bench size (6'x2'x1.5') ,1 nos pick axe (kur)and carpentary work for making arrangement of wooden slab for kitchen along with supply of good quality kitchen utensil - tawa,cooker,chulha/stove ,kadahi 1 nos each ,2 plate ,2 bowl ,2 nos glass and teacup ,1 nos roll out dough ,iron bucket and candle water filter each as required as per direction of EIC.	comp job	1	59280.00	59280.00	
Total Amount (in Rs.)					2344524.00	83980.00
Work Order value (in Rs.)					2428504.00	

(Rupees Twenty four lakh twenty eight thousand five hundred and four only)

GST Extra as applicable