



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

Phone :- 0361-2676925, 2676929, 2570099

Email :- dirguw.iwai@nic.in

Website :- www.iwai.nic.in

No. IWAI/GHY/FJB II/4(24)/2009-10/ 860

27th September 2023

To,

M/s Das Consultancy & Agency Services
81, Mridula Bhawan, Chatribari
Guwahati – 700001, Assam

Sub:- Work order for "Repair of IWAI vessel Floating Pontoons FJB II, FJB IX, FJB X, FJB XI & FJB XIII for the year 2023-24" – reg.

Ref:- 1. NIT No.: IWAIGw-13024/1/2023, dt 5.9.2023

2. Your E-Bid no.: NIL, dt 9.9.2023

Sir,

With reference to the above, Inland Waterways Authority of India (IWAI), RO Guwahati is pleased to place the work order for "Repair of IWAI vessel Floating Pontoons FJB II, FJB IX, FJB X, FJB XI & FJB XIII for the year 2023-24" at a total cost of **Rs. 24,91,000/- (Rupees Twenty four lakh and ninety one thousand only)** which is equal to the 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 Annex – I for your reference.

2. The contractor is required to deposit an amount of **Rs. 1,24,550/- (Rupees One lakh twenty four thousand five hundred and fifty 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. 1,24,550/- (Rupees One lakh twenty four thousand five hundred and fifty 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 40 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. The contractor will submit the registration number from the Labour office for this work.

9. 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 - 210 301 (U.P.)

• E-mail :- iwainoi@nic.in • Phone No :- 0120-2543972, 2543973, 2544004, 2521664, 2544036, 2522971.

BOQ for annual afloat repair 5 nos FJB Pontoon during the year 23-24

Annex-I

(L- 35 m, B- 8 m, Depth - 1.60 m, Draft - 0.7 m,)

Sl.No	Description of Work	Unit	Qty	Rate (in Rs.)	Amount (in Rs.)	
					Labour	Spare
For FJB-II						
1.00	Cropping & renewal of damaged deck plate& side plate ,anchor winch structure ,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	50	200.00	10000.00	
2.00	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	20000	20000.00	
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	250.00	75000.00	
4.00	Renewal of damaged steel nut & bolts (M16x40 L) and washers of all manholes .	comp job	1	5000.00	5000.00	
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	8000	8,000.00	
6.00	Providing 2 layer tarfelt (menthol sheet) on top crew cabin size 10' x 10' including labour & materials.	Sqm	100	100	10,000.00	
7.00	Crew cabin bunk board to be repair /renewal including labour & materials	No.	2	3000	6,000.00	
8.00	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 and supply of 2 nos tailpost as per direction of EIC.	comp job	1	50000	50,000.00	
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	125000	1,25,000.00	
10.00	Checking of solar panel plating and150 Ah/12v battery with box fitting and supply of 3 nos light with fitting for night lighting system.	comp job	1	5000	5,000.00	
10.01	Cost of spare / materials (actual + 10 %)	LS	1	15000		15,000.00

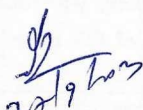
11.00	5 nos window fitting have water leakage so ss plate or sheet arrangement to make to stop the leakage and tinshet arrangement to make infront of cabin as per direction of EIC.	comp job	1	25000	25,000.00	
12.00	Supply and fitting of good quality 2 nos mattress with fitting ,2 nos pillow and pillow 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	20000	20,000.00	
13.00	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	40000	40,000.00	
14.00	Supply and fitting of ISI marked 2 nos 25 kg anchor with fittings as per direction of EIC.	comp job	2	15000	30,000.00	
15.00	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') ,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 ,kadahi 1 nos each ,2 plate ,2 bowl ,2 nos glass and teacup ,1 nos iron bucket and candle water filter as required as per direction of EIC.	comp job	1	60000	60,000.00	
For FJB-IX						
16.00	Cropping & renewal of damaged deck plate & side plate ,anchor winch structure ,inside manhole tanks , 4 nos 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	200.00	40000.00	
17.00	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	30000	30000.00	
18.00	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	250.00	75000.00	
19.00	Renewal of damaged steel nut & bolts (M16x40 L) and washers of all manholes	comp job	1	6000.00	6000.00	
20.00	Provision for supply toolbox including 5 nos screw driver set and 5 nos oen ended wrench ,screw wrench set, iron hammer set ,humber set etc and first aid kit for 2 person .	LS	1	10000.00	10,000.00	


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21.00	Providing 2 layer tarfelt (menthol sheet) on top crew cabin size 10' x 10' including labour & materials.	Sqm	100	100	10,000.00	
22.00	Crew cabin bunk board to be repair /renewal including labour & materials	No.	2	3000	6,000.00	
23.00	Making of required 4 nos hook support to tie up tyre fender on both side of deck and supply and fitting of 12 nos tyre fender with bull dog clamp and supply of 2 nos tailpost as per direction of EIC.	comp job	1	55000	55,000.00	
24.00	Repair /renewal of bathroom (1.5 m *1.5 m *6 m) on deck along with drain line piping approx 15m repair/renewal for proper sewage drainage as per direction of EIC.	comp job	1	40000	40,000.00	
25.00	Checking of solar panel plating and renewal 150 Ah/12v battery with box fitting and supply of 3 nos light with fitting for night lighting system.	comp job	1	5000	5,000.00	
25.01	Cost of spare / materials (actual + 10 %)	LS	1	15000		15,000.00
26.00	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	25000	25,000.00	
27.00	Supply and fitting of good quality 2 nos mattress with fitting ,2 nos pillow and pillow cover ,2 nos bedsheets ,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	20000	20,000.00	
28.00	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	40000	40,000.00	
29.00	Supply and fitting of 1 nos 1 HP self priming water pump with suction and discharge piping arrangement .	LS	1	15000	15,000.00	
30.00	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 ,1 nos rool out dough ,iron bucket and candle water filter each as required as per direction of EIC.	comp job	1	60000	60,000.00	
For FJB- X						
31.00	Cropping & renewal of damaged deck plate(7m * 4 m) & side plate ,anchor winch structure ,inside manhole tanks , 4 nos 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	250	200.00	50000.00	
32.00	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	20000	20000.00	

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33.00	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 along with 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 corrosive 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	250.00	75000.00	
34.00	Renewal of damaged steel nut & bolts (M16x40 L) and washers of all manholes	comp job	1	6000.00	6000.00	
35.00	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	8000.00	8,000.00	
36.00	Providing 2 layer tarpaulin (menthol sheet) on top crew cabin size 10' x 10' including labour & materials.	Sqm	100	100	10,000.00	
37.00	Crew cabin bunk board to be repair /renewal including labour & materials	No.	2	3000	6,000.00	
38.00	Making of required 4 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 2 nos tailpost as per direction of EIC.	comp job	1	60000	60,000.00	
39.00	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	125000	1,25,000.00	
40.00	Checking of solar panel plating and 150 Ah/12v battery with box fitting and supply of 3 nos light with fitting for night lighting system.	No.	1	5000	5,000.00	
40.01	Cost of spare / materials (actual + 10 %)	LS	1	15000		15,000.00
41.00	5 nos window fitting have water leakage so ss plate or sheet arrangement to make to stop the leakage as per direction of EIC.	NO.	5	3000	15,000.00	
42.00	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	20000	20,000.00	
43.00	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	40000	40,000.00	


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44.00	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 ,kadahi 1 nos each ,2 plate ,2 bowl ,2 nos glass and teacup , 1 nos each of iron bucket and candle water filter as required as per direction of EIC.	comp job	1	60000	60,000.00	
For FJB- XI						
45.00	Cropping & renewal of damaged deck plate & side plate ,anchor winch structure ,inside manhole tanks , 5 nos 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	150	200.00	30000.00	
46.00	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	20000.00	20000.00	
47.00	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	250	75000.00	
48.00	Renewal of damaged steel nut & bolts (M16x40 L) and washers of all manholes	comp job	1	8000.00	8000.00	
49.00	Provision for supply toolbox including 5 nos screw driver set and 5 nos open ended wrench ,screw wrench set , iron hammer set ,humber etc and first aid kit for 2 person .	LS	1	10000.00	10,000.00	
50.00	Providing 2 layer tarfelt (menthol sheet) on top crew cabin size 10' x 10' including labour & materials.	Sqm	100	100	10,000.00	
51.00	Crew cabin bunk board to be repair /renewal including labour & materials	No.	2	3000	6,000.00	
52.00	Making of required 4 nos hook support to tie up tyre fender on both side of deck and supply and fitting of 12 nos tyre fender with bull dog clamp and supply of 2 nos tailpost as per direction of EIC.	comp job	1	55000	55,000.00	
53.00	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	125000	1,25,000.00	
54.00	Checking of solar panel plating and renewal 150 Ah/ 12v battery with box fitting and supply of 3 nos light with fitting for night lighting system.	No.	1	5000	5,000.00	

54.01	Cost of spare / materials (actual + 10 %)	LS	1	15000		15,000.00
55.00	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	25000	25,000.00	
56.00	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	20000	20,000.00	
57.00	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	40000	40,000.00	
58.00	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 ,rool out dough ,1 nos iron bucket and candle water filter as required as per direction of EIC.	comp job	1	60000	60,000.00	
For FJB- XIII						
59.00	Cropping & renewal of damaged deck plate(6m * 4 m) & side plate ,anchor winch structure ,inside manhole tanks , 4 nos 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	200.00	40000.00	
60.00	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	20000	20000.00	
61.00	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	250.00	75000.00	
62.00	Renewal of damaged steel nut & bolts (M16x40 L) and washers of all manholes	comp job	1	7000.00	7000.00	
63.00	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	8000	8,000.00	
64.00	Providing 2 layer tarfelt (menthol sheet) on top crew cabin size 10' x 10' including labour & materials.	Sqm	100	100	10,000.00	
65.00	Crew cabin bunk board to be repair /renewal including labour & materials	No.	2	3000	6,000.00	

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66.00	Making of required 4 nos hook support to tie up tyre fender on both side of deck and supply and fitting of 12 nos tyre fender with bull dog clamp and supply of 3 nos tailpost as per direction of EIC.	comp job	1	60000	60,000.00	
67.00	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	125000	1,25,000.00	
68.00	Checking of solar panel plating and150 Ah/12v battery with box fitting and supply of 3 nos light with fitting for night lighting system.	comp job	1	5000	5,000.00	
68.01	Cost of spare / materials (actual + 10 %)	No.	1	15000		15,000.00
69.00	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	25000	25,000.00	
70.00	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	20000	20,000.00	
71.00	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	40000	40,000.00	
72.00	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') ,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 ,kadahi 1 nos each ,2 plate ,2 bowl ,2 nos glass and teacup ,1 nos iron bucket and candle water filter as required as per direction of EIC.	comp job	1	60000	60,000.00	
Total (in RS.)					24,16,000.00	75,000.00
Work order value (in Rs.)					24,91,000.00	
(Rupees twenty four lakhs and ninety one thousand only)						
	GST Extra as applicable					


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