



KARACHI PORT TRUST
GATEWAY TO PAKISTAN
CIVIL WORKS DIVISION



PUBLIC PROCUREMENT REGULATORY
AUTHORITY (PPRA)
CONTRACT AWARD PROFORMA-I
(As Per Rule-47 of PPRA Rules, 2004)

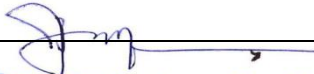
To Be Filled and Uploaded on PPRA Website in Respect of All Public Contracts of Works, Services and Goods.

- NAME OF THE ORGANIZATION / DEPARTMENT. **Karachi Port Trust / Civil Works Division**
- FEDERAL / PROVINCIAL GOVT. **Federal Govt. (KPT Board of Trustees)**
- TITLE OF CONTRACT **REHABILITATION OF OIL PIER-I, INCLUDING INSTALLATION OF M.S STEEL WALKWAYS AND ALLIED WORKS.**
- TENDER NUMBER **TS505055E Dated 07-03-2023**
- BRIEF DESCRIPTION OF CONTRACT: The OP-I was constructed during the year 1975-78, and now completed its useful life, thereafter in order to check the stability of OP-I, Karachi Port Trust appointed M/s. Techno Consultant International, in the year 2010 as a Consultant for the Rehabilitation of OP-I who after doing the detail conditional survey submitted their report in the year 2011 with the following recommendations:
- TENDER VALUE **Rs. 165,385,190.88**
- ENGINEER'S ESTIMATE (for civil Works only) **Rs. 132,376,381.00**
- ESTIMATED COMPLETION PERIOD. **07 Months**
- WHETHER THE PROCUREMENT WAS INCLUDED IN ANNUAL PROCUREMENT PLAN? **NO**

➤ Advertisement: i) PPRA Website (Federal Agencies) (If yes, give date and PPRA's tender number) • Dated: 07-03-2023 • PPRA No. TS505055E ii) News Papers (If yes, give names of newspapers and dates) Daily The New (English) Dt 20-02-2023 Daily Dunya (Urdu) dt 20-02-2023	Yes	No
	✓	
	Yes	No
	✓	
➤ TENDER OPENED ON (DATE & TIME)	07-03-2023 at 1100 Hrs.	
➤ NATURE OF PURCHASE	Local	Int.
	✓	
➤ EXTENSION IN DUE DATE (If any)	Yes	No

Executive Engineer (South)
KARACHI PORT TRUST

			✓
➤	NUMBER OF TENDER DOCUMENTS SOLD	Not Known Uploaded on PPRA / KP T Websites	
➤	WHETHER QUALIFICATION CRITERIA WAS INCLUDED IN BIDDING/TENDER DOCUMENTS (If yes enclose a copy).	Yes	No
		✓	
➤	WHETHER BID EVALUATION CRITERIA WAS INCLUDED IN BIDDING / TENDER DOCUMENTS (If yes enclose a copy).	Yes	No
		✓	
➤	WHICH METHOD OF PROCUREMENT WAS USED: - (Tick one)		
	a) SINGLE STAGE - ONE ENVELOPE PROCEDURE _____	-	
	b) SINGLE STAGE - TWO ENVELOPE PROCEDURE _____	✓	
	c) TWO STAGE BIDDING PROCEDURE _____	-	
	d) TWO STAGE - TWO ENVELOPE BIDDING PROCEDURE _____	-	
➤	PLEASE SPECIFY IF ANY OTHER METHOD OF PROCUREMENT WAS ADOPTED WITH BRIEF REASONS (i.e. EMERGENCY, DIRECT CONTRACTING, NEGOTIATED TENDERING ETC.)	N/A	
➤	WHO IS THE APPROVING AUTHORITY	<u>KPT Board</u>	
➤	WHETHER APPROVAL OF COMPETENT AUTHORITY WAS OBTAINED FOR USING A METHOD OTHER THAN OPEN COMPETITIVE BIDDING.	Yes	No
			✓
➤	NUMBER OF BIDS RECEIVED	Single	
➤	WHETHER THE SUCCESSFUL BIDDER WAS LOWEST BIDDER	Yes	No
		✓	
		Single Bids Received	
➤	WHETHER INTEGRITY PACT WAS SIGNED	Yes	No
		✓	



 Executive Engineer (South)
 KARACHI PORT TRUST

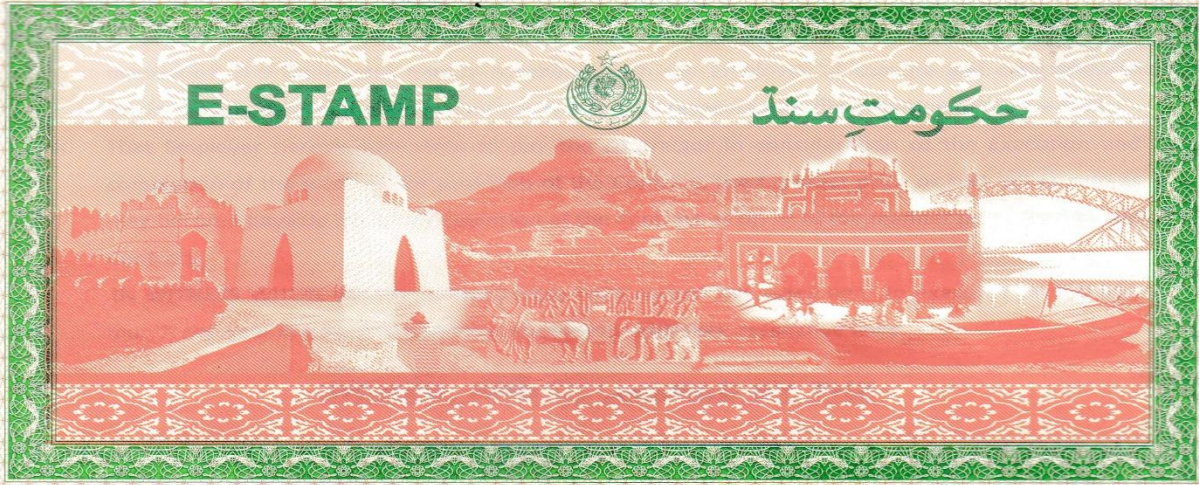
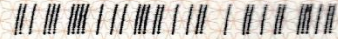
PUBLIC PROCUREMENT REGULATORY
AUTHORITY (PPRA)
(As Per Rule-47 of PP Rules, 2004)

CONTRACT AWARD PROFORMA –II

To Be Filled and Uploaded on PPRA Website in Respect of All
Public Contracts of Works, Services & Goods

➤	NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS	Two (02) Nos.
➤	NAME AND ADDRESS OF THE SUCCESSFUL BIDDER	M/s. N. Hussain Engineering & Emp Company (PVT)Ltd. B-67, CGECHS, Gulshan-e-Iqbal, Block-10A, Karachi. Phone No. (92-333) 2358589 Mob:0333-2358589
➤	RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT (i.e. 1 st , 2 nd , 3 rd EVALUATED BID)	Lowest Bid
➤	NEED ANALYSIS only the procurement was necessary?)	KPT Authorities is committed to Provide repair / maintenance of existing infrastructure
➤	IN CASE EXTENSION WAS MADE IN RESPONSE TIME, WHAT WERE THE REASONS (Briefly describe)	N/A
➤	WHETHER NAMES OF THE BIDDERS AND THEIR PRICES WERE READ OUT AT THE TIME OF OPENING OF BIDS	YES
➤	DATE OF CONTRACT SIGNING (Attach a copy of agreement)	31-08-2023
➤	CONTRACT AWARD PRICE	Rs. 165,385,190.88
➤	WHETHER COPY OF EVALUATION REPORT GIVEN TO ALL BIDDERS (Attach copy of the bid evaluation report)	Bid Evaluation Report under PPRA Rule-35 attached EV No. <u>EV 52539</u>
➤	ANY COMPLAINTS RECEIVED (If yes result thereof)	NO
➤	ANY DEVIATION FROM SPECIFICATIONS GIVEN IN THE TENDER NOTICE/ DOCUMENTS (If yes give details)	NO
➤	DEVIATION FROM QUALIFICATION CRITERIA (If yes give details)	NO
➤	SPECIAL CONDITIONS, IF Any (Give Brief Description)	N/A


Executive Engineer (South)
KARACHI PORT TRUST



NBP-0002-2308220002891955

GoS-KHI-424483584E03A3DE

Non-Judicial**Rs 578,849/-**

Description	: Contract - 15(a)
Principal	: M/s N.Hussain Engineering & EMP Company (Private) Limited [49073530]
Contractor	: M/s N.Hussain Engineering & EMP Company (Private) Limited [49073530]
Applicant	: Niaz Hussain Kolachi [45302-0379928-9]
Stamp Duty Paid by	: M/s N.Hussain Engineering & EMP Company (Private) Limited [49073530]
Issue Date	: 23-Aug-2023, 08:51:14 AM
Paid Through Challan	: 20232F4BB1779C1D
Amount in Words	: Five Lac Seventy Eight Thousand Eight Hundred and Forty Nine Rupees Only



Please Write Below This Line

FORM OF CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT (hereinafter called the "agreement") made on the _____ day of _____ 2023 between **Karachi Port Trust** (hereinafter called the "employer") of the one part and **M/s. N. Hussain Engineering & Emp Company (PVT) Ltd, of B-67, CGECHS, Gulshan-e-Iqbal, Block-10A, Karachi.** (hereinafter called the "contractor") of the other part. WHEREAS the Employer is desirous that certain Work, viz: - **RE-HABILITATION OF OIL PIER-I, INCLUDING INSTALLATION OF M.S STEEL WALKWAYS AND ALLIED WORKS,** at the quoted rates and the margined down price of **Rs.165,385,190.88 (Rupees One Hundred Sixty Five Million Three Hundred Eighty-Five Thousand One Hundred Ninety & Paisa Eighty-Eight Only)** sanctioned "**Vide B.R No. 465 Dated:20-06-2023,** should be executed by the Contractor and has accepted a bid by the Contractor for the execution and completion of such Works and the remedying of any defect therein, "**Further the Contractor has deposited to the Board a sum of Rs.16,538,550.00 (Rupees Sixteen Million Five Hundred Thirty-Eight Thousand Five Hundred Fifty only) as Performance Security as per Clause No. IB 32.1 IB 10.1 of Contract Data vide KPT Challan No. 1008230032 Dated 10 Aug 2023.**

NOW this agreement witness as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents except those parts relating to Instructions to Bidders shall be deemed to form and read and constructed as part of this Agreement, viz:-

- a. The Contract Agreement;
- b. The Letter of Acceptance;
- c. The completed Form of Bid alongwith Schedules to Bid;
- d. Integrity Pact
- e. The General Conditions Part-I & II
- f. Terms of Reference
- g. Special Stipulation
- h. Specifications-Special Provisions Part-II
- i. Specifications Part-III
- j. The Drawings;
- k. **Relevant Correspondence (any other)**





E-STAMP
CONTINUATION SHEET
Government of Sindh

3. In consideration of the payments to be made by the Employer to the Contractor as Hereinafter mentioned, the Contractor hereby covenants with the Employer to Execute and complete the works remedy defects therein in conformity and in all respects with the provision of the contract.
4. That Employer hereby covenants to pay the contractor in consideration of the Execution and completion of the work as per provision of the Contract, the Contract price or such other sum as may become payable under the provision of the contract at times in the manner prescribed by the Contract.

IN WITNESS WHERE OF the parties hereto have caused this agreement to executed on the day, month and year first before written in accordance with their respective laws.

SIGNED, AND DELIVERED BY THE

Chairman and two Trustees on behalf of the Board of Trustees of the Port of Karachi.

Signed b
In the Presence of

Chairman, Karachi Port Trust
CNIC #

Zahid Hussain
General Manager (CW)
CNIC #42201-6078496-5
General Manager
(Civil Works)
Karachi Port Trust
KARACHI

Singed by

Trustee

In the presence of

Secretary, KPT

Trustee

And

Signed and Delivered by the with named Contractor M/s. N. Hussain Engineering & Emp Company (PVT)Ltd, through their Director **Mr. Niaz Hussain Kolachi.**

Signed by

In the presence of

Contractor

Mr. Niaz Hussain Kolachi
Director
CNIC # 45302-0379928-9

Witness

1) Mr. Saeed-Akram
CNIC. # 42201-7423785-7

Sig

2) Mr. Sajid Ali
CNIC. # 42201-7778728-7

Sig

INTEGRITY PACT



DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC. PAYABLE BY THE SUPPLIERS OF GOODS, SERVICES & WORKS IN CONTRACTS WORTH RS. 10.00 MILLION OR MORE.

STAMP
DECLARATION SHEET
Government of Sindh

Contract No. No. E/CS-2472/993
Contract Value: Rs. 165,385,190.88

Dated: 20-Jul-2023

CONTRACT TITLE: RE-HABILITATION OF OIL PIER-I, INCLUDING INSTALLATION OF M.S STEEL WALKWAYS AND ALLIED WORKS.

M/s. N. Hussain Engineering & Emp Company (PVT)Ltd, Hereby declares that it has not obtained or induced the Procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Pakistan (GoP) or any administrative subdivision or agency thereof or any other entity owned or controlled by GoP through any corrupt business practice.

Without limiting the generality of the foregoing **M/s. N. Hussain Engineering & Emp Company (PVT)Ltd**, represents and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP, except that which has been expressly declared pursuant hereto.

M/s. N. Hussain Engineering & Emp Company (PVT)Ltd, certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with GoP and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

M/s. N. Hussain Engineering & Emp Company (PVT)Ltd, accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other rights and remedies available to GoP under any law, contract or other instrument, be voidable at the option of GoP.

Notwithstanding any rights and remedies exercised by GoP in this regard **M/s. N. Hussain Engineering & Emp Company (PVT)Ltd**, agrees to indemnify GoP for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to GoP in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by **M/s. N. Hussain Engineering & Emp Company (PVT)Ltd**, as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP.




M/s. N. Hussain Engineering & Emp Company (PVT)Ltd,


CHIEF ENGINEER
K.P.T.


23 February 2023

**KARACHI PORT TRUST
ENGINEERING DEPARTMENT**

**DOCUMENTS TO
BE RETURNED**



75

عزم عالی شان شاد رہے پاکستان

02/05/23

NAME OF WORK: REHABILITATION OF OIL PIER-I, INCLUDING INSTALLATION OF M.S STEEL WALKWAYS AND ALLIED WORKS,

S.No Description of Work Unit Rate Quantity Amount(Rs.)

Notes:-

- a) After the completion of the work the contractor is required to clear away and remove from the site all construction plants, surplus material, rubbish, debris and temporary works of every kind etc. to the entire satisfaction of the Engineer. It may be noted that Contractors' account will not be finalized till such time a certificate to this effect is obtained from Executive Engineer and submitted to the Chief Engineer for his information.
- b) The Contractor must ensure that the dismantled materials should be disposed in accordance with safety standards fixed by the civic agencies and specified environmental protection rules.
- c) Debris dismantled materials, rubbish etc. should be disposed in such a way that it should not cause any pollution and shall not be source of harm to public.
- d) The tenderer must fill all the pages of Performa "A" & A-1" of tender documents, and ensure enclosing of the pay order for Bid Security amount Rs. 4.50 (M) of the bid amount.
- e) The tenderers are advised to avoid cutting / over writing in B.O.Q. In case any cutting / over writing it should be properly re-write, sign and stamp otherwise, the tenders may not be considered.
- f) The (Contractor Tech Representative) is band to visit the plan monthly & give satisfactory report after checking the plan or he is bond to visit on the call of the Engineer Incharge as & under required.
- g) **"Only the FBR & SRB Registered Contractors are eligible for bidding, Contractor has to quote their rates inclusive of all Govt. Taxes".**
- h) **Any of the False / Forged / Tempered information provided by the Bidder may eligible him for the disqualification and forfeited of the Bid Security, covering under rules.**



208



**CHIEF ENGINEER
K.P.T**

Wen/ok/05

275

02/10/2005

Five

2005

S.No. Ref.

Item description

Unit

Rate

Rate in Words

Quantity

1.00

Amount

PART-A (LOADING PLATFORM & WALKWAYS)
REMOVAL OF EXISTING DAMAGED AND WORKOUT WALKWAY WITH THE HELP OF FLOATING CRANE I/C ALL FITTINGS AND FIXTURES BY APPROVED MEANS I/C LABOURS, TRANSPORTATION ETC WHAT SO EVER REQUIRED IN THE PROCESS COMPLETE AS PER DIRECTIONS OF THE ENGINEER INCHARGE. (05 NO SPANS OF APPROX 84' LENGTH) AND DEPOSITED IN THE KPT AFTER CUTTING INTO SMALL PIECES AS REQUIRED WHERE DIRECTED EAST/ WEST WHARF. AT DESIGNATED PLACE.

3000000

Three Million only

+

3000000

2

GENTLY DISMANTING / HAMMERING / CHISELLING / PEELING OFF DAMAGED SURFACES BY ANY MEANS MANULLAY / MECHANICALLY UPTO CONCRETE COVER EXPOSING THE REINFORCEMENT COMPLETE UP TILL ACHIEVING THE INTACT CONCRETE SLAB SURFACES I/C SAFE DISPOSAL OF DISMANTLED MATERIAL COMPLETE AS REQUIRED & DIRECTED BY ENGINEER INCHARGE.

PER CFT 150

One Hundred Fifty only

5,600.00

316000

3

P / LAYING READY MIX PLANT CEMENT CONCRETE 1:1:2 WITH APPROVED ADMIXTURE HAVING MINIMUM CUBE CRUSHING/COMPRESSIVE STRENGTH OF 4000 PSI @ 28 DAYS, USING 50% GRAVEL BARI AND 50% CRUSH OF REQUIRED SIZE (MACHINE BROKEN) ON THE PIERS DOLPHIN I/C LEVELLING, COMPACTING, CURING ETC I/C MAKING ARRANGEMENTS FOR SHIFTING READY MIX CONCRETE FROM T.M TO WORK SITE THROUGH BARGE, TROLY ETC WHAT SO EVER REQUIRED COMPLETE AS PER DIRECTION OF THE ENGINEER INCHARGE.

PER CFT 650

Six Hundred Fifty only

5,600.00

364000

4

FABRICATION OF NEW MS WALKWAYS AS PER EXISTING OR MODIFY PATTERN AND DESIGN I/C FABRICATION OF BOTTOM SIDE STRUCTURE WITH EQUAL ANGLE 5"x5" 1/2" TH MM THICK, BRACING WITH EQUAL ANGLE 4"x4" 1/2" THICK TOP SIDE STRUCTURE WITH EQUAL ANGLE STIFFENERS, GASSET PLATES AND BRACKET ETC. ALL AS SPECIFIED AND AS PER DRAWING NO 10879 (ATTACHED) THE ITEM ALSO I/C PAINTING WITH TWO COAT RED OXIDE & 02 COATS APPROVED EPOXY PAINT 250/300 OF MICRON AS PER DIRECTION OF ENGINEER INCHARGE.

PER KG 550

Five Hundred Fifty only

136,250.00

7493500

5

PROVIDING & FIXING MS PIPE RAILING (8 GAUGE) OF 1:1 1/2" DIA AS PER EXISTING SHAPE AND DESIGN WITH ONE COAT RED OXIDE & 02 COAT EPOXY PAINT TO COMPLETE AT DESIRED PORTIONS I/C LABOUR, WELDING, CUTTING ETC WHAT SOEVER REQUIRED IN THE PROCESS COMPLETE AS PER DIRECTIONS OF THE ENGINEER INCHARGE. (AS PER DRAWING NO.10879)

PER SFT 4500

Four Thousands Five Hundred only

4,580.00

2061000



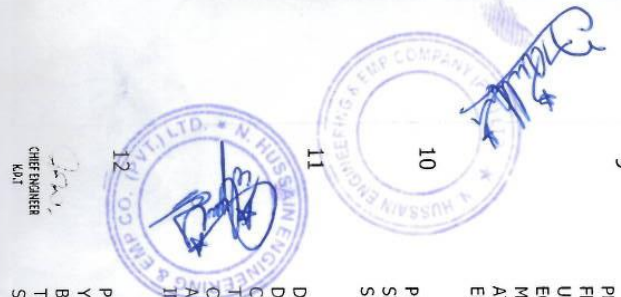
CHIEF ENGINEER
K.P.T

REHABILITATION OF OLD PIER-1, INCLUDING INSTALLATION OF MS STEEL WALKWAY AND ALLED WORKS.

02/10/2023
 2.119
 02/10/2023
 15/1/23

Dated : 15/1/23

S.No. Ref.	Item description	Unit	Rate	Quantity	Amount
6	PROVIDING & LAYING OF MS CHEQUERED PLATES 10 MM THICK INCLUDING CUTTING, BENDING, MOUNDING TO SHAPE OUT TO SIZE & FIGURE, ETC, INCLUDING RIVETING, BOLTING, SCREW, ETC. ALL AS SPECIFIED AND FIXED TO SITE ALL J/C PAINTING TWO COAT RED OXIDE & 03 COATS APPROVED EPOXY PAINT COMPLETE SMOOTH FINISH AS PER DIRECTION BY ENGINEER IN-CHARGE	PER SFT	1500	15	22,500
7	PROVIDING AND APPLYING THE TRANSCULENT ARMATEC-110 EPOXY CORE BOND / ZINC RICH OF SIKA, FOSPAK OR AN EQUIVALENT AS APPROVED (ON EXPOSED REINFORCEMENT) TO PROTECT FOR FURTHER DECAY, LEAVE THE SURFACE FOR DRYING AS PER THE MANUFACTURERS RECOMMENDATION AND DIRECTION OF THE ENGINEER INCHARGE.	PER SFT	150	17,000.00	2,550
8	PROVIDING AND APPLYING HIGH STRENGTH HIGH FLOW NON SHRINK STRUCTURAL GRADE CEMENTITIOUS REPAIR MORTAR CONCRETURA HF OR AN EQUIVALENT AS APPROVED AS PER MANUFACTURERS RECOMMENDATION AND SPECIFICATIONS OVER THE DAMAGED SURFACE COMPLETE AS PER DIRECTIONS OF THE ENGINEER INCHARGE.	PER SFT	1100	4,050.00	4,455
9	PROVIDING & LAYING EXPANDABLE SINGLE COMPONENT FREE FLOWING LOW ALKALI MICRO CONCRETE THICKNESS VARIES UP TO 5" THICK (FOSPAK EXPANDABLE MORTAR LA OR AN EQUIVALENT) AS PER THE RECOMMENDATION OF MANUFACTURERS SPECIFICATION OVER THE DAMAGED SURFACE AT ANY HEIGHT / PLACE COMPLETE AS PER DIRECTIONS OF THE ENGINEER INCHARGE.	PER SFT	1500	4,050.00	6,075
10	PROVIDING & FIXING FORM WORK COMPLETE FAIR FACED AS PER SITE REQUIREMENT, AS PER SIZE, SHAPE AND FIGURE ALL AS SPECIFIED AS PER DIRECTIONS OF THE ENGINEER INCHARGE.	PER SFT	10	17,000.00	1,700
11	DRILLING OF 12MM DIA HOLES BY APPROVED MEANS FOR 10MM DIA BAR UP TO 100MM DEPTH BY TWISTING METHOD INCLUDING CLEANING HOLES, PLACING OF NEW REINFORCEMENT BARS BY THE GROUTING METHOD (USING PURE EPOXY INJECTION TWO COMPONENT DISPENSING GU--500 / RE-500 OR EQUIVALENT) AT ANY HEIGHT / PLACE AS PER DIRECTIONS OF THE ENGINEER INCHARGE (COST OF REBAR NOT INCLUDED)	EACH	150	3,000.00	450
12	PROVIDING & FIXING OF DEFORMED BARS OF HAVING MINIMUM YIELD STRENGTH OF 60,000 PSI INCLUDING CUTTING, BENDING, BINDING, REINFORCEMENT IN POSITION COMPLETE INCLUDING THE COST OF STANDARD GAUGE BINDING WIRE COMPLETE ALL AS SPECIFIED AND DIRECTED BY THE ENGINEER IN CHARGE.	PER KG	500	6,500.00	3,250



REPAIRATION OF OLD FENDER INCLUDING INSTALLATION OF NEW STEEL WALKWAYS & ALLIED WORKS.

S.No. Ref. Item description

Unit Rate

Quantity

Am't

13

PROVIDING & FIXING MS LADDER CONSISTS OF MS "U" CHANNEL OF REQUIRED SIZE AND THICKNESS WITH MS ROD OF 25MM SOLID BAR COMPLETE WITH 24 NUMBERS HOLES EACH STAIR OF 20MM DIA WITH 16MM DIA ANCHORS BOLTS COMPLETE USE WITH 02 COAT RED OXIDE AND 03 COAT EPOXY PAINT AS DIRECTED BY THE ENGINEER INCHARGE.
NOTE- ALL ARRANGEMENTS MADE BY THE CONTRACTOR (GENERATOR, WELDING PLANT, BOAT, PANTOON AND FIRE FIGHTING ARRANGEMENTS)

EACH

1000000

One Million

4.00

400000

14

PROVIDING & FIXING OF BEST QUALITY HARD PAN WOOD KURING FENDERS OF SIZE 12" X 12" IN APPROVED SIZE SHAPE & DESIGN I/C PROVIDING AND FIXING M.S BOLTS, UNITS, WASHER OF APPROVED SIZE AND QUALITY WITH ACCESSORIES AND MAKING NECESSARY HOLES IN WOODEN FENDERS & RCC DOLPHIN COMPLETE FIXED IN PLUMB POSITION AS PER SITE REQUIREMENTS COMPLETE TRANSPORTATION, SAFETY MEASURES ACCORDING TO EHS, PANTOON, ROPES ETC WHAT SO EVER REQUIRED DURING EXECUTION OF WORK COMPLETE AS PER DIRECTION OF THE ENGINEER INCHARGE.

PER CFT

2000

Two Thousands only

220.00

440000

15

PREPARE SURFACE OF FENDERING MS UNITS ON BREASTING DOLPHINS WITH THE HELP OF CHIPPING, SCRAPING, REMOVING THE SEA GROWTH ETC COMPLETE AND APPLYING THE TWO COAT RED OXIDE & 03 COATS OF APPROVED EPOXY PAINT COMPLETE AS PER DIRECTION OF ENGINEER INCHARGE.
NOTE- ALL ARRANGEMENTS MADE BY THE CONTRACTOR.

EACH

800000

Eight lac only

8.00

640000



17

A LUMPSUM FEE TO PAY INDIVIDUAL EXPERT / CONSULTANT SUPERVISE THE FABRICATION TO CHECK / VET THE DESIGN OF ACTUAL WALKWAYS AND TO CONNECTIVITY WITH RCC STRUCTURE TO PROPER ETC.
PART-B (ACCESS BRIDGE) GENTLY DISMANTLING / HAMMERING / CHISELING / PEELING OFF DAMAGED SURFACES BY ANY MEANS MANULLARY / MECHANICALLY UPTO CONCRETE COVER EXPOSING THE REINFORCEMENT COMPLETE UP TILL ACHIEVING THE INTACT CONCRETE SLAB SURFACES I/C DISPOSAL OR DISMANTLED COMPLETE AS REQUIRED & DIRECTED BY ENGINEER INCHARGE I/C SAFE DISPOSAL.

PER CFT

105

One Hundred Five only

4,300.00

451500

300000

Three lac only

1.00

300000

12/12/23 Dated 12/12/23
700/05/23

REHABILITATION OF OIL PIPES INCLUDING INSTALLATION OF M.S STEEL WARRIORS AND ALLIED WORKS.

Bill of Materials

Bill of Materials

Dated: *02/02/23*

S.No.	Ref.	Item description	Unit	Rate	Quantity	Amount
18		P / LAYING READY MIX PLANT CEMENT CONCRETE WITH APPROVED ADMIXTURE HAVING MINIMUM CUBE CRUSHING/COMPRESSIVE STRENGTH OF 4000 PSI @ 28 DAYS, USING 50% GRAVEL BARI AND 50% CRUSH OF REQUIRED SIZE (MACHINE BROKEN) ON THE PIERS DOLPHIN I/C LEVELLING, COMPACTING, CURING ETC I/C MAKING ARRANGEMENTS FOR SHIFTING READY MIX CONCRETE FROM T.M TO WORK SITE THROUGH BARGE TROLY ETC WHAT SO EVER REQUIRED COMPLETE AS PER DIRECTION OF THE ENGINEER INCHARGE.	PER CFT	500	4,300.00	2,150
19		PREPARE SURFACE AND APPLYING 1" TO 1 1/2" THICK AVG CEMENT SAND PLASTER AT ANY HEIGHT OF RATIO 1:4, FINISHED SMOOTH INCLUDING SRB CHEMICAL, TUCKING,CURING, SCAFFOLDING, CORNICES, EDGES ALL AS SPECIFIED AND DIRECTED BY THE ENGINEER.	PER SFT	120	3,800.00	4560
20		PROVIDING AND APPLYING THE TRANSCULENT ARMATEC-110 EPOXEM CORE BOND / ZINC RICH OF SIVA, FOSPAC OR AN EQUIVALENT AS APPROVED (ON EXPOSED REINFORCEMENT) TO PROTECT FOR FURTHER DECAY, LEAVE THE SURFACE FOR DRYING AS PER THE MANUFACTURERS RECOMMENDATION AND DIRECTION OF THE ENGINEER INCHARGE.	PER SFT	150	9,200.00	13800
21		PROVIDING & FIXING FORM WORK COMPLETE FAIR FACED AS PER SITE REQUIREMENT, AS PER SIZE, SHAPE AND FIGURE ALL AS SPECIFIED AS PER DIRECTIONS OF THE ENGINEER INCHARGE.	PER SFT	10	9,200.00	920
22		DRILLING OF 12MM DIA HOLES BY APPROVED MEANS FOR 10MM DIA BAR UPTO 100MM DEPTH BY TWISTING METHOD INCLUDING CLEANING HOLES, PLACING OF NEW REINFORCEMENT BARS BY THE GROUTING METHOD (USING PURE EPOXY INJECTION TWO COMPONENT DISPENSING GU-500 / RE-500 OR EQUIVALENT) AT ANY HEIGHT / PLACE AS PER DIRECTIONS OF THE ENGINEER INCHARGE (COST OF REBAR NOT INCLUDED)	EACH	150	2,000.00	3000
23		PROVIDING & FIXING OF DEFORMED BARS OF HAVING MINIMUM YIELD STRENGTH OF 60,000 PSI INCLUDING CUTTING, BENDING, BINDING, REINFORCEMENT IN POSITION COMPLETE INCLUDING THE COST OF STANDARD GAUGE BINDING WIRE COMPLETE ALL AS SPECIFIED AND DIRECTED BY THE ENGINEER IN CHARGE.	PER KG	500	3,500.00	1750



CHIEF ENGINEER
K.A.T



INSTALLATION OF STEEL STRUCTURE FABRICATION OF MS STEEL WALKWAYS AND
 ALLIED WORKS.

S.No. Ref. — Item description
NOTE-

Unit — Rate

Quantity — Amount

- 1- ACTUAL MEASUREMENT OF LENGTH FOR WALKWAYS/ CATWALKS/ RAILINGS/WOODEN WORK WHATSOEVER REQUIRED TO FIX AT SITE MAY BE TAKEN PHYSICALLY SITE BY CONTRACTOR BEFORE FABRICATION & ERECTION / FIXING BEFORE START OF THE WORK (08 & 02 SPANS) AT SITE.
- 2- ALL TRANSPORT, LABOUR, EQUIPMENTS WILL BE THE RESPONSIBILITY OF CONTRACTOR EXCEPT FC HATHI / PEELTON.
- 3- FC HATHI / PEELTON WILL BE PROVIDED BY THE KPT TO CONTRACTOR WITH CHARGE, ONLY FOR REMOVAL OF EXISTING AND FINAL INSTALLATION / FIXING OF MS WALKWAYS OVER THE MOORING DOLPHINS.
- 4- COST FOR FIRE FIGHTING ARRANGEMENTS WILL BE THE RESPONSIBILITY OF CONTRACTOR.
- 5- CONTRACTOR IS RESPONSIBLE FOR ARRANGING BARGE, FLOATING PANTOON ETC FOR EXECUTION OF WORK AT HIS OWN COST.
- 6- ALL PREVALLING EHS MEASURES MUST BE APPLIED AND IS THE RESPONSIBILITY OF CONTRACTOR. TO MANAGE SAFETY OF HIS LABOURS AT HIS OWN COST.
- 7- FOR THE STEEL STRUCTURE AT ITEM NO- 4,5 & 6 ABOVE STEEL OF Q235B GRADE MAY BE USED WITH PROTECTIVE MEASURES.
- 8- A COAT OF SIKADUR 32 LP OR ANY EQUIVALENT BONDING AGENT MAY APPLIED TO THE ON EVERY EXISTING SURFACES BEFORE TREATMENT.
- 9- PROVISION OF BOAT IS THE RESPONSIBILITY OF CONTRACTOR DURING THE SITE VISIT OF KPT STAFF / MANAGEMENT.
- 10- CONTRACTOR IS RESPONSIBLE TO BUILT SHOP DRAWINGS BEFORE THE INSTALLATION AND SUBMIT TO KPT AT THEIR OWN COST FOR THE CONTRACTOR HAS TO SUBMIT THE AS BUILT DRAWING AFTER COMPLETION OF WORK.
- 11- CONNECTION OF MS WALKWAYS WITH CONCRETE STRUCTURE BE MADE USING PROPER RUBBER PADS OF APPROPRIATE SIZE & THICKNESS USED AS SHOCK ABSORBER WITH PROPER ANCHORING ETC COS

[Signature]
 CHIEF ENGINEER
 K.P.T



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TOTAL :	145197,000-00
ADD 5% CONTINGENCIES	7259,850-00
NET TOTAL	152,456,850-00
ADD 13% S. R. B	19,819,390-00
GRAND TOTAL	172,276,240-00
Rebate 4% (-)	68,910,440-00
Net G. Amount Rs.	165,385,190-00