

NATIONAL FERTILIZERS LIMITED - PANIPAT
CIVIL ENGINEERING DEPARTMENT

NIT for - Renovation of Bagging Plant Floor of PJD 109, Hopper Floor, Loading Platform.

NIT No. : NFL / PT / CIVIL /821 dated 13.06.2024

DUE DATE OF RECEIPT OF TENDERS : 03.07.2024 10:00Hrs

Sr. No.	DESCRIPTION OF ITEM	UNIT	Quantity	Per Unit Rate		AMOUNT
				Figure	Words	
	<u>PART - "A" MATERIAL SUPPLY</u>					
1	Providing and Supplying the following materials for Repair of Anticorrosive treatment at various locations in plant area including cost of materials, transportation of materials from source of supply to site of work at NFL Panipat, loading, unloading, octroi, royalty, sales tax, excise tax, insurance, or any other tax / expenditure, & everheads for bringing and supplying the materials at site of work complete :-					
A	Araldite GY - 250 / B-11	Kg	1500.00			
B	Hardener HY - 830 / K-41	Kg	500.00			
C	Hardener HY - 840 / K-46	Kg	200.00			
D	Hardener HY - 850 / K-42	Kg	200.00			
E	Quartz Sand grade mix No. 10	Kg	6000.00			
	Total cost of Material Part "A"					
	<u>PART "B" LABOUR / EXECUTION</u>					
1	Epoxy painting with Araldite and Hardners on Concrete /Plastered surfaces of Various structures at Horizontal / Vertical locations at heights and depths with all necessary tools & plants , scaffolding /staging, and as per enclosed Technical Specifications and special conditions of the contract consisting of following formulations. (Note- Rates for item -1 include Labor cost with tools & Tackels, Scaffolding etc. All Material will be provided by NFL)					
A	One Coat	Sqm	200.00			
	Araldite GY-250 : Hardner HY - 830 : Hardner HY - 850 = 100 PBW : 45 PBW : 15 PBW (PBW = Parts By Weight)					

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B	<p>Two Coat</p> <p>Ist Coat - Primer Araldite GY-250 : Hardner HY - 840 = 100 PBW : 50 PBW : (PBW = Parts By Weight)</p> <p>II nd Coat - Painting Araldite GY-250 : Hardner HY - 830 : Hardner HY - 850 = 100 PBW : 45 PBW : 15 PBW (PBW = Parts By Weight)</p>	Sqm	1600.00			
2	<p>Repairing the damaged concrete / plastered /other surfaces with poxy putty prepared by mixing Araldite, Hardners Quartz sand on Concrete / Plastered / metallic surfaces in the areas of Bagging Plant or Urea Plant or any other location as per requirment on Floors, walls, ceilings etc. at Horizontal / Vertical / Inverted surface at all heights and depths with all necessary Tools and Tackels, scaffolding / staging as per enclosed Technical Specifications and special conditions of the contract (Note- Rates for item -2 include Labor cost with tools & Tackels, Scaffolding etc. All Material will be provided by NFL)</p> <p>Araldite GY-250 : Hardner HY - 830 : Hardner HY - 850 : Quartz Sand No. 10 100 PBW : 45 PBW :15 PBW : 800 PBW (PBW = Parts By Weight)</p>	Kg	2200.00			
3	<p>Laying 5 mm average thickness (i.e 3mm to 7 mm thick) epoxy screeding with Araldite and Hardners on Concrete / Plastered / metallic surfaces in the areas of Bagging Plant or Urea Plant or any other location as per requirment on Floors, walls, ceilings etc. at Horizontal / Vertical / Inverted surface at all heights and depths with all necessary Tools and Tackels, scaffolding / staging as per enclosed Technical Specifications and special conditions of the contract and as per following formulations. (Note- Rates for item -3 include Labor cost with tools & Tackels, Scaffolding etc. All Material will be provided by NFL)</p> <p>Primer Coat : Araldite GY- 250 : Hardner HY - 840 = 100 PBW : 50 PBW : (PBW = Parts By Weight)</p> <p>Screeding : Araldite GY-250 : Hardner HY - 830 : Hardner HY - 850 :</p>	Sqm	400.00			

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	<p>Quartz Sand No. 10 100 PBW : 45 PBW : 15 PBW : 800 PBW (PBW = Parts By Weight)</p> <p>Final Coat Araldite GY-250 : Hardner HY - 830 : Hardner HY - 850 = 100 PBW : 45 PBW : 15 PBW (PBW = Parts By Weight)</p>					
4	<p>Dismantling of existing damaged Epoxy screeding / plaster from the Concrete / Plastered / surfaces of various structure at Horizontal / Vertical locations at all height sand depths, preparing the areas to receive fresh treatment, with all necessary tools & plants , scaffolding / staging,including collection of dismantled materials and disposal of the same in disposal yards located within Factory area as per enclosed Technica Specifications and special conditions of the contract.</p>	Sqm	2600.00			
5	<p>Providing and laying Acid Resistant Tile on Floor / Walls / Ceiling / Drains / Dado or at any required location in NFL plant area by using 300 mm x 300 mm or 100 mm x 200 mm or any other available size with minimum thickness of 18 mm Acid Resistant Tile Class-1 conforming to IS: 4457 with one priming Coat of epoxy primer with 6 mm or more thick bed of epoxy quartz mortar to make proper slope and painting of joints with solvent free epoxy paint as per enclosed technical specifications. The rate shall include for surface prepration, Providing & Fixing Tile with Epoxy mortar and disposal of debris to dump yard in factory area.</p> <p>(Note- Rates for item -5 include Material cost + Labor cost. All Material & Labor for Item no-5 i.e- Acid Resistant Tile, Epoxy, Quartz Sand etc Shall be arrange by Contractor)</p>	Sqm	3350.00			
6	<p>Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.</p> <p>Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)</p>	Cum	200.00			
7	<p>Providing and Laying Position Cement Concrete of Specified Grade excluding cost of Centering & Shuttering:</p> <p>1:3:6 (1 Cement : 3 Coarse Sand : 6 Graded Stone Aggregate)</p>	Cum	15.00			

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8	Brick Work with Common Burnt clay FPS (Non Modular) Bricks of Class Designation 7.5 in super structure or below plinth level in all size, shape and dimension as per requirement.					
	Cement mortar 1:6 (1 Cement : 6 Coarse Sand)	Cum	5.00			
9	12 mm Cement Plaster mix 1 :6 (1 Cement : 6 Fine Sand)	Sqm	50.00			
Total cost of Labor / Execution Part "B"						
<u>Total A+B</u>						₹

Note: 1. GST shall be paid extra as per NIT.

2. Bidders must read all the Clause of STC and Scope of Work before quoting rates.

Signature of Tenderer with Seal