

SABARMATI RIVER FRONT DEVELOPMENT



Sabarmati River Front Development Corporation Limited

2nd Floor, Riverfront House,
B/h H. K. Arts College,
Between Gandhi Bridge and Nehru Bridge,
Pujya Pramukh Swami Marg (River Front Road –
West)
Ahmedabad - 380 009

BID DOCUMENT

SRFD PHASE 1 - CONSTRUCTION OF WALL CLIMBING NEAR SARDAR BRIDGE ON WEST BANK OF RIVER SABARMATI

Contract Package: SRFDCL

VOLUME- 03

~~V) Form of Bid~~

VI) Bill of Quantities



~~SECTION V~~
~~FORM OF BID~~



Contractor's Bid

Description of the Works: _____

BID for

To _____ : The Chairman,
Sabarmati River Front Development Corporation Limited
Address _____ : 1st Floor, Dr. Ramanbhai Patel House, West Zone Office, Ahmedabad
Municipal Corporation, Usmanpura, Ahmedabad 13

Gentlemen,

Having examined the bidding documents including addendum, visited the site of works, we offer to execute the Works described above in accordance with the Conditions of Contract, Specifications, Drawings and Bill of Quantities accompanying this Bid at the quoted percentage above/below* the contract price mention in Bid BOQ at arrived contract Price of _____ [in figures] (_____) [in letters]¹.

The advance Payment required is: Rupees _____.

This Bid and your written acceptance of it shall constitute a binding contract between us. We understand that you are not bound to accept the lowest or any Bid you receive.

We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India namely "Prevention of Corruption Act 1988".

Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:

Name and address of agent	Amount	Purpose of Commission or gratuity
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

(if none, state "none")

We hereby confirm that this Bid complies with the Bid Validity and Bid Security required by the Bidding documents.

***: ~~Strike out which is not applicable.~~**

We attached herewith proof of submission of income tax returns along with profit & loss statement attached with tax returns.

Yours faithfully,

Authorised Signature _____:

Name & Title of Signatory _____:

Name of Bidder _____:

Address _____:

¹ To be filled in by the Bidder, together with his particulars and date of submission at the bottom of the Form of Bid.



SECTION VI BILL OF QUANTITIES



MEASUREMENT PREAMBLE

1. All quantities in the Bill of Quantities are estimated quantities. For all payment purposes measurements, as prescribed in the contract document shall be taken and quantities shall be computed from such measurements.
2. The inclusions and exclusions from quoted rates are specified in the details of each item of work in the specifications and the Bill of Quantities. In case there is no specific mention of a particular detail, the mode of measurements as prescribed in MORTH specifications or other standard specification for such an item shall be followed.
3. In the event of contradiction between the MORTH specifications or other standard specification referred to above and this Contract document, the provisions of this Contract document shall prevail.

SECTION VI

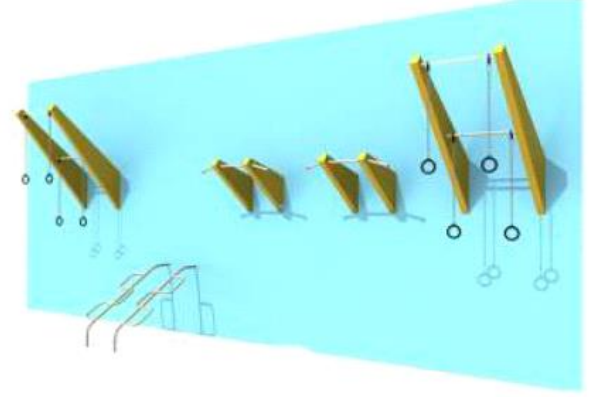
BILL OF QUANTITIES

**SRFD PHASE 1 - CONSTRUCTION OF WALL CLIMBING NEAR SARDAR BRIDGE ON WEST
BANK OF RIVER SABARMATI**

SUMMARY SHEET

Section		Amount (in Rs.)
Sub Section 6.1: CIVIL WORKS		
1	PLAY EQUIPMENT	58,20,573.00
2	PREPARATORY WORKS	42,800.00
	Grand Total	58,63,373.00


BILL OF QUANTITIES
SUB SECTION
6.1 - CIVIL WORKS - PLAY EQUIPMENTS

Sr. No.	Description	Unit	Total Quantity estimated but may be more or less	Unit Rate (In Rs.)	Total amount (In Rs.)	Reference Images.
	PLAY EQUIPMENT					
1	Wall Trainers Supply and Fixing of Wall Trainer as per the approved make and as per design intent. The product to match the colours, design, size, contours and aesthetics exactly as per the image attached/ design intent for all level, all height, all lift by any means."As per NIUA Guidelines, all products must be tested and certified to meet EN 1176 safety standards. The EN 1176 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. All components shall meet the EN-16630 safety standards. The Contractor shall submit a methodology statement with all relevant details in illustrative sketch and technical data sheet form before execution as per manufacturers' specifications. The Contractor shall be fully responsible for the structural stability & performance of the whole system. All execution work shall be executed through an approved specialised agency of an approved manufacturer or shall be executed by the manufacturer itself. also the technical specification mentioned is as follows. Manufacturers shall provide warranty of minimum 1 year from the date of the handover for that the System (s) shall be free from defects in materials and workmanship (the Materials and Workmanship Warranty), and shall work properly in accordance with the requireemnt and all parts i.e. Structural/Non structural Metallic Parts, all Non metallic parts, PLASTIC parts and all other parts which is included in this system. Rate shall be inclusive of maintenance and Defect Liability for a period of 5 years from the date of substantial handover without any extra cost, including replacing same approved any type of parts/systems within a minimum of 1 week of the complain. preventive maintenance is also included.	Lot	1.0	9,49,621.00	9,49,621	

BILL OF QUANTITIES
SUB SECTION
6.1 - CIVIL WORKS - PLAY EQUIPMENTS

Sr. No.	Description	Unit	Total Quantity estimated but may be more or less	Unit Rate (In Rs.)	Total amount (In Rs.)	Refrence Images.
	<p>In this item, with the mode of measurement of LOT, 2 Sets of Double ring system, 1 set of Pull up bar system & 2 sets of Pull up rack system, safety signage as per design requirement shall be provided as per design intent and as mentioned below. approximate Overall dimension of the whole wall trainer system shall be 8.5 X 3.25 m. All type of incidental work, Civil work or other work to complete this system up to the satisfaction of the engineer in charge and as per manufacturers prescription is included in this item.</p> <p>Double Ring: Approximate dimension: 1.5 m x 1 m x 1.75 m 2 sets per lot of double ring shall be provided, which shall be made of approximately 40 X 80 mm square pipe. Main Framework on both sides, Minimum 2 mm thick Galvanized Steel Plate to cover the Main Framework as per design intent. the required length SS 304 chain with a lifting ring shall be provided as per design intent. Minimum weight of the 1 set of the double ring shall be 90 Kg.</p> <p>Pull-up bar: Approximate dimensions: 1.6 m x 1.15 m x 1.04 m Main pole made of approximately 60 x 3 mm Hot-galvanised Steel Pipe, Handrail made of approximately 32 x 3 mm Hot-galvanised Steel Pipe as per design intent. Minimum weight of the 1 set of pull-up bar shall be 30 Kg.</p> <p>PULL UP RACK: 1.25 m x 1.0 m x 0.75 m 2 sets per lot of main framework shall be provided, which shall be made of approximately 40 X 80 mm square pipe, with a minimum 2 mm thick Galvanized Steel Plate to cover the Main Framework as per design intent. the required length SS 304 chain with a lifting ring shall be provided as per design intent.</p> <p>For all systems, all joints shall be robotic weleded and color pallet of the system shall be approved before execution. All systems shall be fixed to an existing wall of any material with the required capacity of the anchor bolt/chemical anchor/mechanical anchor/washer, Lock nut with cap cover, threaded rod, LED screw, Wall connecting plate/base plate with required thickness and size, etc as per manufacturers specification. and it shall be as per the requirement of weight lifting capacity of the system. Necessary pull-out test shall be made as per manufacturers specifictaions, and Certification of pull-out testing is to be produced by the anchoring manufacturer. all metal surfaces shall be of any colour, any shade powder-coated as per design intent if nowhere else specified.</p>					

BILL OF QUANTITIES
SUB SECTION
6.1 - CIVIL WORKS - PLAY EQUIPMENTS

Sr. No.	Description	Unit	Total Quantity estimated but may be more or less	Unit Rate (In Rs.)	Total amount (In Rs.)	Reference Images.
2	<p>Wall Climbing play system</p> <p>Supply and Fixing of the wall climbing play system as per the approved make and as per design intent. The product to match the colours, design, size, contours and aesthetics exactly as per the image attached/ design intent for all level, all height, all lift by any means."As per NIUA Guidelines, all products must be tested and certified to meet EN 1176 safety standards. The EN 1176 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. All components shall meet to EN-16630 safety standards. The Contractor shall submit a methodology statement with all relevant details in illustrative sketch and technical data sheet form before execution as per manufacturers' specifications. The Contractor shall be fully responsible for the structural stability & performance of the whole system. All execution work shall be executed through an approved specialised agency of an approved manufacturer or shall be executed by the manufacturer itself. also the technical specification mentioned is as follows. Manufacturers shall provide warranty of minimum 1 year from the date of the handover for that the System (s) shall be free from defects in materials and workmanship (the Materials and Workmanship Warranty), and shall work properly in accordance with the requireemnt and all parts i.e. Structural/Non structural Metallic Parts, all Non metallic parts, PLASTIC parts and all other parts which is included in this system. Rate shall be inclusive of maintenance and Defect Liability for a period of 5 years from the date of substantial handover without any extra cost, including replacing the same approved any type of parts/systems within a minimum of 1 week of the complain. preventive maintenance is also included.</p>	Lot	1.0	44,80,452.00	44,80,452	

BILL OF QUANTITIES
SUB SECTION
6.1 - CIVIL WORKS - PLAY EQUIPMENTS

Sr. No.	Description	Unit	Total Quantity estimated but may be more or less	Unit Rate (In Rs.)	Total amount (In Rs.)	Reference Images.
	<p>In this item, with the mode of measurement of LOT, the whole system consisting HDPE Panels, Elements like clouds, Ring, Car, pegs etc, Monkey trail, Ladder & climbing rope, safety signage as per design requirement etc shall be provided as per design intent and as mentioned below. approximate Overall dimension of wall climbing play system shall be 8.5 X 3.25 m. All type of incidental work, Civil work or other work to complete this system up to the satisfaction of the engineer in charge and as per manufacturers prescription is included in this item.</p> <p>Minimum 30 mm thick HDPE panels in any shape, any size, any color and any shade, any finish shall be fixed on the existing wall by suitable means as per manufacturers specifications. HDPE panel shall have reserved holes for fixing arrangement through anchor bolt, hexagonal socket head cap screw, washer, nylon rods, furniture nut etc. and it shall be properly fixed with the existing wall as per capacity required. also, elements like clouds, rings, wooden blocks, climbing pegs and other shapes etc shall be fixed on HDPE panel as per design intent and as per manufacturers specification and it shall be fixed up to the RCC wall through necessary accessories/fixing arrangement. Also, required size Monkey trail made of SS 304 48 mm dia metal frame & SS 304 32 mm dia hanrail shall be fixed to wall as per design intent with required capacity and type anchor fasteners. minimum 3 sets of SS ladder & and 6 no of polypropylene ropes with covered braided multifilament shall be fixed to monkey ladder for climbing purpose with required fixing arrangement.</p> <p>For all systems, all joints shall be robotic welded and color pallet of the system shall be approved before execution. All systems shall be fixed to an existing wall of any material with the required capacity of the anchor bolt/chemical anchor/mechanical anchor/washer etc as per manufacturers specification. and it shall be as per the requirement of weight lifting capacity of the system. Necessary pull-out test shall be made as per manufacturers specifications, and Certification of pull-out testing is to be produced by the anchoring manufacturer. all metal surfaces shall be of any colour, any shade powder-coated as per design intent if nowhere else specified.</p>					
3	<p>Play Area flooring</p> <p>Providing & Fixing of minimum 30 mm thick Rubber flooring interlocking tile Carpet with any size, any shape, any color, any finish and any shade as per design intent for all floor, all height, all level including fixing adhesive as per manufacturer's specifications and self levelling compound (if required) of required thickness of approved make and series as per design intent. Rubber flooring shall be with 15% EPDM & 85% SBR, Density (kg/m3):1000/1200, Hardness (Shore a):68, Stretch (MPA):2.2, Abrasion resistance: 0.0075g (ASTM-D4060-01), Rebound resistance: 55%, Shape deformation: 42%, Warranty - 3 years. The sample shall be approved by engineer in charge before procurement. The rate shall be inclusive of fixing adhesive, self levelling compound, wastage, materials, installation, transportation charges, taxes, labour for all floors/all heights and all levels etc. The actual laid area shall be measured for payment without considering any wastage.</p>	Sqm	100.0	3,905.00	3,90,500	
	Total Carried Over to Summary				58,20,573	

BILL OF QUANTITIES
SUB SECTION
6.1 - CIVIL WORKS - PLAY EQUIPMENTS

Sr. No.	Description	Unit	Total Quantity estimated but may be more or less	Unit Rate (In Rs.)	Total amount (In Rs.)	Reference Images.
2	PREPARATORY WORKS					
	<p><i>Note: -</i></p> <p>1) The method of demolition work shall be approved by the Engineer-in-charge before execution of work.</p> <p>2) Demolition work shall be carried out by any means and as per approved method without damaging adjoining elements/ building and any building/ campus property.</p> <p>3) The rate includes all necessary machinery, labour, tools, and tackles for the dismantling of specified elements in any condition, by any means, etc. complete as directed by the Engineer-in-charge including disposing of serviceable material within the campus and unserviceable material outside the campus for all lead and lift at the non-objectional place as directed by Engineer-in-charge.</p>					
4	<p>Cutting in stone, concrete, or bituminous surface</p> <p>Labour charge for cutting in stone, concrete, or bituminous surface to facilitate further execution work using heavy duty cutting machine consist of diamond blade or any other required means. cutting depth shall be up to 200 mm or as per actual requirement. Cutting shall be perfectly in line. dismentle material shall be carefully removed so that the cutting edge shall not be disturbed. all debris shall be disposed for all lead and lift at non objectional place and as per the direction of the engineer in charge. Surroundings shall be cleaned up to the satisfaction of engineer in charge.</p>	Rmt	30.0	155.00	4,650	
5	<p>Dismantling of existing concrete, reinforced cement concrete (RCC) work of any grade and any type, using mechanical or manual methods as advised by the Engineer-in-Charge. This includes cutting reinforcement and providing necessary tools, plant, and scaffolding. The work also involves sorting the dismantled material, disposing of unserviceable material at an approved location, and stacking the serviceable material with all necessary all lifts and all leads, as directed by the Engineer-in-Charge.</p> <p>The volume of the existing RCC work shall be measured for payment before the dismantling begins. The method for calculating the volume for payment shall be approved by the Engineer-in-Charge.</p>	Cum	25.0	1,526.00	38,150	
	Total Carried Over to Summary				42,800	
	TOTAL OF SUB SECTION 6.1 - CIVIL WORKS				58,63,373.00	