

بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ



کۆمیسۆنی ئاوازهێڵهتی و مۆنیتهڕی ههنگامه ئههوه، کۆمیسۆنی مۆنیتهڕی ئاوازهێڵهتی و مۆنیتهڕی
ژێر
ههنگامه ئههوه

پهڕهێڵهتی و پڕۆژهیهکی

2 گرهه ئاوازهێڵهتی و مۆنیتهڕی ههنگامه ئههوه له لایهنی تهرێکی ئاوازهێڵهتی و مۆنیتهڕی 2 شۆڕی و کۆمیسۆنی مۆنیتهڕی و مۆنیتهڕی
ئۆرژێر ئاوازهێڵهتی و مۆنیتهڕی 303/303-ENV/438 (IUL) گرهه ئاوازهێڵهتی و مۆنیتهڕی:

(1) کۆمیسۆنی مۆنیتهڕی و مۆنیتهڕی ههنگامه ئههوه:



(2) مۆنیتهڕی ههنگامه ئههوه و مۆنیتهڕی ههنگامه ئههوه: کۆمیسۆنی مۆنیتهڕی و مۆنیتهڕی ههنگامه ئههوه.

(3) شۆڕی و مۆنیتهڕی ههنگامه ئههوه: "کۆمیسۆنی مۆنیتهڕی و مۆنیتهڕی" و مۆنیتهڕی "کۆمیسۆنی مۆنیتهڕی و مۆنیتهڕی" و مۆنیتهڕی و مۆنیتهڕی ههنگامه ئههوه.

(4) شۆڕی و مۆنیتهڕی ههنگامه ئههوه: گرهه ئاوازهێڵهتی و مۆنیتهڕی.

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دیسریٹمنٹ پر آڈیٹ اور نگرانی کے لئے، ڈسٹرکٹ انجینئر ڈسٹرکٹ اور ڈسٹرکٹ
ڈپٹی
میں ڈسٹرکٹ

(5) ڈسٹرکٹ انجینئر ڈسٹرکٹ اور ڈسٹرکٹ ڈپٹی کے ذریعے

BILL OF QUANTITIES

ITEM	DESCRIPTION	UNIT	QTY
1.0.00	Bill №: 01 - PRELIMINARIES		
1.1.00	GENERAL NOTES <u>Abbreviations</u> m - metre nr - numbers m3 - cubic metres m2 - Square metres m - linear metre t - tons inc. - including mm - millimetre SS - stainless steel GI - galvanized iron LS - Lumpsum		
1.2.00	SITE MANAGEMENT COSTS Allow for all on and off site management cost including costs of foreman and assistants, temporary services, telephone, fax, hoardings & similar.	item	1.00
1.3.00	SIGN BOARD Allow for sign board.	nr	1.00
1.4.00	CLEAN-UP Allow for clean-up upon completion of works.	item	1.00
1.5.00	INSURANCE, BONDS, GUARANTEES AND WARRANTIES Insurance as stated in the general conditions.	item	1.00
1.6.00	SAFETY ON SITE		
1.6.01	Safety on site:- Providing and maintaining adequate safety measures on site for all workers and all authorized visitors on site and protecting adjoining properties and people against falling objects or other with regard to the construction works	item	1.00

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حکومت پنجاب، لاہور، پاکستان
ڈیپارٹمنٹ
پبلک ورکس

ITEM	DESCRIPTION	UNIT	QTY
2.0.00	Bill №: 02 - GROUND WORKS		
2.1.00	GENERAL		
	(a) Rates shall include for: leveling, grading, trimming, compacting to faces of excavation, keep sides plumb, backfilling, consolidating, and disposing surplus soil.		
2.2.00	SITE CLEARING		
2.2.01	Clear the area of site from rubbish and vegetable matters, stumps, roots. Rates shall include for removal of trees and tree stumps and disposal of such items.	m ²	6.25
2.3.00	EXCAVATION		
	Excavation quantities are measured to the faces of concrete members. Rates shall include for all the additional excavation required to place the formwork. Rates shall include for backfilling.		
2.3.01	Excavation for Foundation pads	m ³	0.58
2.4.00	FILLING		
	Rate shall include for: levelling, grading, trimming, compacting and similar		
2.4.01	Compacted earth filling under ground slab	m ²	5.76
2.5.00	DAMP-PROOF MEMBRANE		
	Rate shall include for: dressing around and sealing to all penetrations, laps and turnups.		
2.5.01	Polythene damp proof membrane (500 gauge)	m ²	5.76
2.6.00	DE-WATERING		
2.6.01	De-watering the excavation until completion of concrete work as required	item	1.00

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



حکومت پنجاب، ڈیڑھ ٹیڑھ ٹیڑھ ٹیڑھ، ڈیڑھ ٹیڑھ ٹیڑھ ٹیڑھ، ڈیڑھ ٹیڑھ ٹیڑھ ٹیڑھ
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ITEM	DESCRIPTION	UNIT	QTY
3.0.00	Bill No: 03 - INSITU CONCRETE WORKS		
3.1.00	GENERAL		
	(a) Rates shall include for: placing in position, making good after removal of formwork, mortar touch up to all concrete and casting in all required items; additional concrete required to conform to structural and excavated tolerances		
	(b) Mix ratio for reinforced concrete shall be based on given Concrete Grade.		
	(c) All structural concrete shall be GRADE M25 and lean concrete shall be GRADE M15		
	(d) Rates shall include for: concrete, formwork, reinforcement, cleaning, fabrication, placing, the provision for all necessary temporary fixings and supports including tie wires and chair supports, laps, distribution bars and wastage.		
	(e) Rates shall include for: all necessary boarding, supports, erecting, framing, temporary cambering, cutting, perforations for reinforcing bars, bolts, straps, ties, hangers, pipes and removal of formwork.		
	(f) Rates shall include for: cleaning, fabrication, placing the provision for all necessary temporary fixings and supports including tie wires and chair supports, laps, distribution bars and wastage.		
	(g) All reinforcing bars shall be high strength bars.		
	(h) Slab soffits to be finished fairfaced, use plasteciser and formwork with reducing agent.		
	(i) All exposed & external concrete members shall be casted with Masterpel 777 or equivalent water proofing chemical.		
	(j) Rate shall include for applying 2 coats of waterproofing chemical to substructure.(Below ground level)		
3.1.01	Allow for Concrete Testing.	item	1.00
3.2.00	MASS CONCRETE		
	Quantity is measured to the edges of concrete foundation members. Rates shall be inclusive for any additional concrete required to place the formwork.		
3.2.01	75 mm Lean Concrete (Foundations)	m ³	0.06
3.3.00	REINFORCED INSITU CONCRETE SUB-STRUCTURE		
	FOUNDATION PADS		
3.3.01	400 x 400 x 250mm Foundation pads and stump, F1	m ³	0.28

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بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ



جی ایندسٹریل ایریڈیٹو اتھارٹی، ڈیپارٹمنٹ آف ڈیولپمنٹ، گورنمنٹ آف پنجاب، لاہور۔

ITEM	DESCRIPTION	UNIT	QTY
4.0.00	Bill No: 04 - STRUCTURAL METAL WORKS		
4.1.00	GENERAL		
	(a) Rates shall include for: all fabrication work, welding, marking, drilling for bolts incl. steel brackets, steel plates, bolts, nuts and any type of washer, riveted work, counter sinking and tapping for bolts or machine screws.		
	(b) Rates shall include for fabrication and erection and temporary supports and fixing into position.		
	(c) "Welding" is deemed to be in accordance with the specification and for the material to which it is to be used. Gusset plates, shoe plates, ends, caps, cleats, brackets, stiffeners, bolts, etc., are required to be included to the rate of the associated steel work in which they occur.		
	(d) For the description of materials refer to the Drawings and technical specification		
	(e) Contractor shall submit shop drawings for approval prior to fabrication.		
	(f) Unless specified otherwise, rate shall include for: All shop fabrication work, marking, delivery, unloading, hoisting, erecting and fixing as per detail drawings, All welds & allowance for rolling margin, the weight of weld metal in welded constructions, members of any length, cutting to size and shape and joints in the running length, grinding to a smooth finish, unless otherwise required, Machine drilled bolt, holes, bolts, nuts and washers, cleats, shoe and gusset plates and all other connections, Wire brushing to clean all the steel surfaces (except stainless steel) after fabrication and spray painting with two coats of quick drying metal primer zinc phosphate & two coats of matt anti corrosive paint with final paint, all necessary accessories and preparation and submission of Shop Drawings and As Built Drawings as specified.		
4.2.00	GI PIPE FENCE FRAMING		
4.2.01	2 Inch GI Pipe finished with white paint (Vertical) - 3m	nr	3.00
4.2.02	2 Inch GI Pipe finished with white paint (Vertical) - 3.5m	nr	2.00
4.2.03	2 Inch GI Pipe finished with white paint (Horizontal) - 2.4m	nr	10.00
4.2.04	2 Inch GI Pipe finished with white paint (Horizontal) - 3m	nr	4.00
4.3.00	GI PIPE ROOF FRAMING		
4.3.01	2 Inch GI Bracing pipe -3m	nr	1.00
4.3.02	1 Inch GI Pipe Rafters - 3.2m	nr	8.00

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حکومت پنجاب، آوازِ آزادی، مسکن و معاش، سکون و ترقی
گواہی
محکمہ تعمیرات

ITEM	DESCRIPTION	UNIT	QTY
5.0.00	Bill №: 05 - ROOFING		
5.1.00	GENERAL (a) Rates shall include for: fair edges, dressing over angel fillets, roof sealant, turning into grooves, all other labours, circular edges, nails, screws and other fixings and laps.		
5.2.00	MAIN ROOF COVERING		
5.2.01	Lysaght roofing sheet to specification	m ²	9.60
5.3.00	CAPPING		
5.3.01	Lysaght ridge cap as per roofing sheet suppliers assembly	m	3.00

ITEM	DESCRIPTION	UNIT	QTY
6.0.00	Bill №: 06 - DOORS, SHUTTERS & HATCHES		
6.1.00	GENERAL (a) Rates shall include for locks, latches, closers, push plates, pull handles, bolts, kick plates, hinges and all door & window hardware. (b) Rates shall include for door frames, mullions, transoms, trims, glazing, tinting, timber panels, boardings, framing, lining, fastenings and all fixings. (c) Sizes are given overall outside dimensions of actual doors and windows.		
6.2.00	DOORS		
6.2.01	900 x 2100 mm Metal framed door with wiremesh panel	nr	1.00

ITEM	DESCRIPTION	UNIT	QTY
7.0.00	Bill №: 07 - WIRE FENCE		
7.1.00	GENERAL (a) Rates shall include for: fixing, bedding, grouting, and pointing materials; making good around pipes, sanitary fixtures, and similar; cleaning down and polishing.		
7.2.00	WIRE MESH		
7.2.01	Installation of wire mesh around shed	m ²	23.17

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بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ



دہلی حکومت پر آڈٹ شدہ سہولتوں کی تفصیلات، انٹرویو اور سرٹیفیکیٹس کے ذریعہ
 ڈیو،
 سرٹیفیکیٹس۔

ITEM	DESCRIPTION	UNIT	QTY	MATERIAL RATE	LABOUR RATE	AMOUNT
8.0.00	Bill №: 08 - ADDITIONS AND OMISSIONS					
8.1.00	ADDITIONS					
8.1.01	Bill №: 01 - PRELIMINARIES					
8.1.02	Bill №: 02 - GROUND WORKS					
8.1.03	Bill №: 03 - INSITU CONCRETE WORKS					
8.1.04	Bill №: 04 - STRUCTURAL METAL WORKS					
8.1.05	Bill №: 05 - ROOFING					
8.1.06	Bill №: 06 - DOORS, SHUTTERS & HATCHES					
8.1.07	Bill №: 07 - WIRE FENCE					
	TOTAL					
8.2.00	OMISSIONS					
8.2.01	Bill №: 01 - PRELIMINARIES					
8.2.02	Bill №: 02 - GROUND WORKS					
8.2.03	Bill №: 03 - INSITU CONCRETE WORKS					
8.2.04	Bill №: 04 - STRUCTURAL METAL WORKS					
8.2.05	Bill №: 05 - ROOFING					
8.2.06	Bill №: 06 - DOORS, SHUTTERS & HATCHES					
8.2.07	Bill №: 07 - WIRE FENCE					
	TOTAL					

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