DNIT

Sub Head No-I (HSR Items)

Name of Work:-Construction of new storm water drain line from Atlautis Society 107/31 upto 130/31 Wrad -VII Municipal Corporation Gurugram.

HSR item 6.10a 2 8.6 (d) Dismantalling concrete plain 1:2:4 mix Cement concrete 1:4:8 with stone aggregate 40mm nomonal size in foundation and plinth Cement concrete 1:3:6 with stone aggregate 20mm nomonal size in foundation and plinth Cement concrete 1:3:6 with stone aggregate 20mm nomonal size in foundation and plinth Re-construction of dismantalled cement concrete 1:1.5:3 with stone aggregate 20mm nomonal size in Foundation and plinth Providing LOWERING, CUTTING, JOINTING AND TESTING AND TESTING AND TESTING For PIPE Class NP3 as per IS-458-2003 which Spigot & Socketted joints manufactured with ISI marked sulphate Resistance Cement as per ISI 12330 with rubber rings ISI marked antiternmitte as required at site, into trenches, for all depths and laying out the same to correct alignment, gridients and levels including dressing and trimming and cutting of concrete beds and sides of trenches, if required, jointing with rubber rings in trenches and jointing with 1:1½ cement sand mortar and with finishing the joints at an angle of 45 degree with faces of spigot of socket joints cutting and finishing the cut surface to a uniform finnish etc. as fully described in HSR item No. 29.38, 29.44, 29.45 & 29.46 including cartage loading and unloading complete in all respects. The internal diametric of the sewer being. Constructing brick masonary road gully chambers as per standard drawings (as per size given below) including dressing of beds and sides of chamber to exact profiles, 15 cm thick lime concrete 16:24:10 (as per specified in item No. 10.6) in exact foundation, 1st class brick work laid in cement san mortar, 1:5, 40 mm thick cement concrete 1:2:4 topping inside the chamber with a floating coat of 1.5 mm thick neat cement laid in one operation to the topping the entire inner surface of the chamber rendered with near cement laid in one operation to the topping the entire inner surface of the chamber rendered with near cement and plaster and finished with a floating coat of neat cement 1 mm thick lesi absolute	2610 270 75 10.17	100 cum Cum	1189 71.85	370%	5588.30	
2 8.6 (d) Dismantalling concrete plain 1:2:4 mlx 10.39 Cement concrete 1:4:8 with stone aggregate 40mm nomonal size in foundation and plinth Cement concrete 1:3:6 with stone aggregate 20mm nomonal size in foundation and plinth Re-construction of dismantalled cement concrete 1:15:3 with stone aggregate 20mm nominal size in Foundation and plinth. Providing LOWERING, CUTTING, JOINTING AND TESTING AND TESTING rcc PIPE Class NP3 as per IS-458-2003 which Spigot & Socketted joints manufactured with ISI marked sulphate Resistance Cement as per ISI 12330 with rubber rings ISI marked antiternmitte as required at site, into trenches, for all depths and laying out the same to correct alignment, gridients and levels including dressing and trimming and cutting of concrete beds and sides of trenches, if required, jointing with rubber rings in trenches and jointing with 1:1½ cement sand mortar and with finishing the joints at an angle of 45 degree with faces of spigot of socket joints cutting and finishing the cut surface to a uniform finnish etc. as fully described in HSR item No. 29.38, 29.44, 29.45 & 29.46 including cartage loading and unloading complete in all respects. The internal diametric of the sewer being. Constructing brick masonary road gully chambers as per standard drawings (as per size given below) including dressing of beds and sides of chamber to exact profiles, 15 cm thick lime concrete 16:24:10 (as per specified in item No. 10.6) in exact foundation, 1st class brick work laid in cement san mortar, 1:5, 40 mm thick cement concrete 1:2:4 topping inside the chamber with a floating coat of 1.5 mm thick neat cement laid in one operation to the topping the entire inner surface of the chambe rendered with near cement not less than 12 mm in thickness of 1:2 cement sand plaster and finished with a floating coat of neat cement 1 mm thick less absolutely smooth polished and correct to	75 10.17	cum	71.85			145855
29.96 Cement concrete 1:4:8 with stone aggregate 40mm nomonal size in foundation and plinth Cement concrete 1:3:6 with stone aggregate 20mm nomonal size in foundation and plinth Re-construction of dismantalled cement concrete 1:1.5:3 with stone aggregate 20mm nominal size in Foundation and plinth. Providing LOWERING, CUTTING, JOINTING AND TESTING AND TESTING rcc PIPE Class NP3 as per IS-458-2003 which Spigot & Socketted joints manufactured with ISI marked sulphate Resistance Cement as per ISI 12330 with rubber rings ISI marked antiternmitte as required at site, into trenches, for all depths and laying out the same to correct alignment, gridients and levels including dressing and trimming and cutting of concrete beds and sides of trenches, if required, jointing with rubber rings in trenches and jointing with 1:1½ cement sand mortar and with finishing the joints at an angle of 45 degree with faces of spigot of socket joints cutting and finishing the cut surface to a uniform finnish etc. as fully described in HSR item No. 29.38, 29.44, 29.45 & 29.46 including cartage loading and unloading complete in all respects. The internal diametric of the sewer being. Constructing brick masonary road gully chambers as per standard drawings (as per size given below) including dressing of beds and sides of chamber to exact profiles, 15 cm thick lime concrete 16:24:10f (as per specified in item No. 10.6) in exact foundation, 1st class brick work laid in cement san mortar, 1:5, 40 mm thick cement concrete 1:2:4 topping inside the chamber with a floating coat of 1.5 mm thick neat cement laid in one operation to the topping the entire inner surface of the chambe rendered with near cement not less than 12 mm in thickness of 1:2 cement sand plaster and finished with a floating coat of neat cement 1 mm thick less absolutely smooth polished and correct to	75 10.17	cum		550%	467.03	126097
4 10.40 Cement concrete 1:3:6 with stone aggregate 20mm nomonal size in foundation and plinth Re-construction of dismantalled cement concrete 1:1.5:3 with stone aggregate 20mm nominal size in Foundation and plinth Re-construction of dismantalled cement concrete 1:1.5:3 with stone aggregate 20mm nominal size in Foundation and plinth. Providing LOWERING, CUTTING, JOINTING AND TESTING AND TESTING rcc PIPE Class NP3 as per IS-458-2003 which Spigot & Socketted joints manufactured with ISI marked sulphate Resistance Cement as per ISI 12330 with rubber rings ISI marked antiternmitte as required at site, into trenches, for all depths and laying out the same to correct alignment, gridients and levels including dressing and trimming and cutting of concrete beds and sides of trenches, if required, jointing with rubber rings in trenches and jointing with 1:1½ cement sand mortar and with end dowels filled with 1:1½ cement sand mortar and with finishing the joints at an angle of 45 degree with faces of spigot of socket joints cutting and finishing the cut surface to a uniform finnish etc. as fully described in HSR item No. 29.38, 29.44, 29.45 & 29.46 including cartage loading and unloading complete in all respects. The internal diametric of the sewer being. Constructing brick masonary road gully chambers as per standard drawings (as per size given below) including dressing of beds and sides of chamber to exact profiles, 15 cm thick lime concrete 16:24:100 (as per specified in item No. 10.6) in exact foundation, 1st class brick work laid in cement san mortar, 1:5, 40 mm thick cement concrete 1:2:4 topping inside the chamber with a floating coat of 1.5 mm thick neat cement laid in one operation to the topping the entire inner surface of the chamber rendered with near cement not less than 12 mm in thickness of 1:2 cement sand plaster and finished with a floating coat of neat cement 1 mm thick less absolutely smooth polished and correct to	10.17	-	403.1	450%	2217.05	166279
29.96 10.40 Cement concrete 1:3:6 with stone aggregate 20mm nomonal size in foundation and plinth Re-construction of dismantalled cement concrete 1:1.5:3 with stone aggregate 20mm nominal size in Foundation and plinth. Providing LOWERING, CUTTING, JOINTING AND TESTING AND TESTING rcc PIPE Class NP3 as per IS-458-2003 which Spigot & Socketted joints manufactured with ISI marked sulphate Resistance Cement as per ISI 12330 with rubber rings ISI marked antiternmitte as required at site, into trenches, for all depths and laying out the same to correct alignment, gridients and levels including dressing and trimming and cutting of concrete beds and sides of trenches, if required, jointing with rubber rings in trenches and jointing with 1:1½ cement sand mortar and with end dowels filled with 1:1½ cement sand mortar and with finishing the joints at an angle of 45 degree with faces of spigot of socket joints cutting and finishing the cut surface to a uniform finnish etc. as fully described in HSR item No. 29.38, 29.44, 29.45 & 29.46 including cartage loading and unloading complete in all respects. The internal diametric of the sewer being. Constructing brick masonary road gully chambers as per standard drawings (as per size given below) including dressing of beds and sides of chamber to exact profiles, 15 cm thick lime concrete 16:24:10((as per specified in item No. 10.6) in exact foundation, 1st class brick work laid in cement san mortar, 1:5, 40 mm thick cement concrete 1:2:4 topping inside the chamber with a floating coat of 1.5 mm thick neat cement laid in one operation to the topping the entire inner surface of the chamber rendered with near cement not less than 12 mm in thick neat cement and finished with a floating coat of neat cement 1 mm thick less absolutely smooth polished and correct to			403.1	13070		
10.42 10.43 10.43 10.43 10.43 10.44 10.44 10.44 10.44 10.42 10.42 10.42 10.42 10.43 10.43 10.43 10.43 10.44 10		cum	516.9	450%	2842.95	28913
Re-construction of dismantalled cement concrete 1:1.5:3 with stone aggregate 20mm nominal size in Foundation and plinth. Providing LOWERING, CUTTING, JOINTING AND TESTING AND TESTING rcc PIPE Class NP3 as per IS-458-2003 which Spigot & Socketted joints manufactured with ISI marked sulphate Resistance Cement as per ISI 12330 with rubber rings ISI marked antiternmitte as required at site, into trenches, for all depths and laying out the same to correct alignment, gridients and levels including dressing and trimming and cutting of concrete beds and sides of trenches, if required, jointing with rubber rings in trenches and jointing with 1:1½ cement sand mortar and with finishing the joints at an angle of 45 degree with faces of spigot of socket joints cutting and finishing the cut surface to a uniform finnish etc. as fully described in HSR item No. 29.38, 29.44, 29.45 & 29.46 including cartage loading and unloading complete in all respects. The internal diametric of the sewer being. Constructing brick masonary road gully chambers as per standard drawings (as per size given below) including dressing of beds and sides of chamber to exact profiles, 15 cm thick lime concrete 16:24:10f (as per specified in item No. 10.6) in exact foundation, 1st class brick work laid in cement san mortar, 1:5, 40 mm thick cement concrete 1:2:4 topping inside the chamber with a floating coat of 1.5 mm thick neat cement laid in one operation to the topping the entire inner surface of the chamber rendered with near cement not less than 12 mm in thickness of 1:2 cement sand plaster and finished with a floating coat of neat cement 1 mm thick less absolutely smooth polished and correct to	220	Cuin				
in Foundation and plinth. Providing LOWERING, CUTTING, JOINTING AND TESTING AND TESTING rcc PIPE Class NP3 as per IS-458-2003 which Spigot & Socketted joints manufactured with ISI marked sulphate Resistance Cement as per ISI 12330 with rubber rings ISI marked antiternmitte as required at site, into trenches, for all depths and laying out the same to correct alignment, gridients and levels including dressing and trimming and cutting of concrete beds and sides of trenches, if required, jointing with rubber rings in trenches and jointing with 1:1½ cement sand mortar and with end dowels filled with 1:1½ cement sand mortar and with finishing the joints at an angle of 45 degree with faces of spigot of socket joints cutting and finishing the cut surface to a uniform finnish etc. as fully described in HSR item No. 29.38, 29.44, 29.45 & 29.46 including cartage loading and unloading complete in all respects. The internal diametric of the sewer being. Constructing brick masonary road gully chambers as per standard drawings (as per size given below) including dressing of beds and sides of chamber to exact profiles, 15 cm thick lime concrete 16:24:10 (as per specified in item No. 10.6) in exact foundation, 1st class brick work laid in cement san mortar, 1:5, 40 mm thick cement concrete 1:2:4 topping inside the chamber with a floating coat of 1.5 mm thick neat cement laid in one operation to the topping the entire inner surface of the chamber rendered with near cement not less than 12 mm in thickness of 1:2 cement sand plaster and finished with a floating coat of neat cement 1 mm thick less absolutely smooth polished and correct to		1.3	702 5	450%	3863.75	1043213
Providing LOWERING, CUTTING, JOINTING AND TESTING AND TESTING rcc PIPE Class NP3 as per IS-458-2003 which Spigot & Socketted joints manufactured with ISI marked sulphate Resistance Cement as per ISI 12330 with rubber rings ISI marked antiternmitte as required at site, into trenches, for all depths and laying out the same to correct alignment, gridients and levels including dressing and trimming and cutting of concrete beds and sides of trenches, if required, jointing with rubber rings in trenches and jointing with 1:1½ cement sand mortar and with end dowels filled with 1:1½ cement sand mortar and with finishing the joints at an angle of 45 degree with faces of spigot of socket joints cutting and finishing the cut surface to a uniform finnish etc. as fully described in HSR item No. 29.38, 29.44, 29.45 & 29.46 including cartage loading and unloading complete in all respects. The internal diametric of the sewer being. Constructing brick masonary road gully chambers as per standard drawings (as per size given below) including dressing of beds and sides of chamber to exact profiles, 15 cm thick lime concrete 16:24:10((as per specified in item No. 10.6) in exact foundation, 1st class brick work laid in cement san mortar, 1:5, 40 mm thick cement concrete 1:2:4 topping inside the chamber with a floating coat of 1.5 mm thick neat cement laid in one operation to the topping the entire inner surface of the chamber rendered with near cement not less than 12 mm in thickness of 1:2 cement sand plaster and finished with a floating coat of neat cement 1 mm thick less absolutely smooth polished and correct to	270	cum	702.5	450%	3003.73	7
Constructing brick masonary road gully chambers as per standard drawings (as per size given below) including dressing of beds and sides of chamber to exact profiles, 15 cm thick lime concrete 16:24:10((as per specified in item No. 10.6) in exact foundation, 1st class brick work laid in cement san mortar, 1:5, 40 mm thick cement concrete 1:2:4 topping inside the chamber with a floating coat of 1.5 mm thick neat cement laid in one operation to the topping the entire inner surface of the chamber rendered with near cement not less than 12 mm in thickness of 1:2 cement sand plaster and finished with a floating coat of neat cement 1mm thick less absolutely smooth polished and correct to		mtr	1065	0%	1065.00	1597500
gully grating and frame including painting with co tar(as specified in item No. 29.48 complete and t the requirement of the Engineer-in-charge) (a) Single Road Gully Chamber (ii) Size 610 mm x 457 mm x 1105 mm)	r 10	O N	os 660	450%	6 3630.00	363000
Total		21				347085

DNIT Sub Head No-II (NS Items) Name of Work:-Construction of new storm water drain line from Atlautis Society 107/31 upto 130/31 Wrad No-19, Div-VII Municipal Corporation Gurugram. Rate + **Amount** Sr.N HSR C.P Ųnit Rate Qty Ceiling Description item 64000 640.00 0% Providing and fixing SFRC double road Gully cover 640 Nos N.S 100 1 & frame 600mm x 450mm 64000 Total

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Abstruct of Cost	1 March 11 4-119
Sub Head No-I (HSR Items)	3470855
	64000
Sub Head No-II (NS Items)	3534855
Total	35.35
Say in Lacs	//

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DNIT Sub Head No-I (HSR Items)

Name of Work:-Construction of new storm water drain line from Atlautis Society 107/31 upto 130/31 Wrad No-19, Div-VII Municipal Corporation Gurugram.

Sr.N	HSR item	Description	Qty	Unit	Rate	C.P	Rate + Ceiling
1	HSR item	Excavation in trencehs for open storm water drain as per HSR	2610	100 cum	1189	370%	5588.30
	6.10a	Diamantalling	270	Cum	71.85	550%	467.03
2	8.6 (d)	Dismantalling concrete plain 1:2:4 mlx				450%	2217.05
3	10.39	Cement concrete 1:4:8 with stone aggregate	75	cum	403.1	450%	
		40mm nomonal size in foundation and plinth			516.9	450%	2842.95
4	10.40	Cement concrete 1:3:6 with stone aggregate 20mm nomonal size in foundation and plinth	10.17	cum	510.9	430 70	
7.	12 1 2	Re-construction of dismantalled cement concrete					3863.75
5	10.42	1:1.5:3 with stone aggregate 20mm nominal size	270	cum	702.5	450%	3803.73
Ĭ.,		in Foundation and plinth.					
		Providing LOWERING, CUTTING, JOINTING AND					
	, ,	TESTING AND TESTING rcc PIPE Class NP3 as per			Long House	1	
		IS-458-2003 which Spigot & Socketted joints					
		manufactured with ISI marked sulphate Resistance		-	41.1		
		Cement as per ISI 12330 with rubber rings ISI		3. %			
		marked antiternmitte as required at site, into					* *
		trenches, for all depths and laying out the same to					
		correct alignment, gridients and levels including					
		dressing and trimming and cutting of concrete beds		1			
		and sides of trenches, if required, jointing with	1500	mtr	1065	0%	1065.00
6	29.96	rubber rings in trenches and jointing with 1:11/2	1300	1,,,,			
	1	cement sand mortar and with end dowels filled with					
		1:11/2 cement sand mortar and with finishing the		1			
		liginte at an angle of 45 degree with faces of spigot	. 19 11			1-	
		Let cocket joints cutting and finishing the cut surface	1.0	is r			
		It: form finnish etc. as fully described in risk					
		item No. 29.38, 29.44, 29.45 & 29.46 including					
		I vers leading and unloading colliplete in an					
		respects . The internal diametric of the sewer		- 1			12
- 4	10				-		
A	E -	being. Constructing brick masonary road gully chambers (as per size given below)	1 1 =				
	5 1	Constructing brick masonary road gan, or as per standard drawings (as per size given below) as per standard drawings (as per size given below)		· .			(*)
		as per standard drawings (as per size given by including dressing of beds and sides of chamber to including dressing of beds and sides of chamber to including dressing of beds and sides of chamber to	-		-	14	1
		including dressing of beds and sides of chambers including dressing of beds and sides of chambers including dressing of beds and sides of chambers including the sides and sides and sides are sides and sides and sides are sides are sides and sides are sides are sides are sides and sides are sides are sides and sides are sides are sides are sides and sides are sides are sides are sides are sides and sides are sides and sides are s)				
		exact profiles, 15 cm tinck in 10.6) in exact		-			
		(as per specified in item No. 25 in coment sand	d				
	4	foundation, 1st class blick the sencrete 1:2:4	-	τ.		-,	
		Importar 1:5, 40 IIIII times floating coat of	1				
-4	- 2	Leaning inside the charter and operation to		- 2	=,,	12	-
		It came thick lied come	r	-	1 2		<u> </u>
	1	Luc topping file cities	100	No	s 660	450%	3630.00
	00.07						
7	29.87	thickness of 1:2 cement sand plaster and infinites thickness of 1:2 cement sand plaster and thinkles with a floating coat of neat cement 1mm thick lest with a floating coat of neat cement to comport polished and correct to	:	1			4
, '	(a) (ii)						
		with a floating coat of neat certain with a floating coat of neat certain with a floating coat of neat certain absolutely smooth polished and correct to absolutely smooth polished and correct to absolutely smooth polished with coat of the coat of					
		with a floating coordinate and correct to absolutely smooth polished and correct to absolutely smooth polished and correct to the absolutely smooth polished and correct to absolutely smooth polished and correct to absolute the control of the correct to absolute the correct the corr	at			-	1
1	-	templates including label including painting with cold gully grating and frame including painting with cold gully grating and frame No. 29.48 complete and to tar(as specified in item No. 29.48 complete and to tar(as specified in item No. 29.48 complete and to	0				1
1			1				5
1	1	Itar(as specified "Cabo Engineer-III-charge)		1.			
						7.6	
		the requirement of the English		1		1 53.7	
		(a) Single Road Gully Chambel (ii) Size 610 mm x 457 mm x 1105 mm)		2			
1.	1						

No.	e of Wo	DNIT sub Head No-II (NS	Items)	
Main	P. May	rk:-Construction of new storm water drain line i	from At	lautis S	ociety 107/31 upto 130/31 Wrad
	HSR	- Tameipai Corp	oration	Gurugr	am.
r.N o	item	No-19, Div-VII Municipal Corp Description Providing and fixing SFRC double road Gully cover & frame 600mm x 450mm	Oracion	Unit	am. Rate to be quoted by Agency

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