

BOQ for NRK HVAC Chilled Water Piping

Reg: 2023/124006

Site	NRK									
Project	Nextopolis									
TITLE	BILL OF QUANTITIES WITH FABRICATION - HVAC WORKS - CHILLER PIPING									
Prepared by	QS Team HO						Date	21.11.2023		
SL. NO.	DESCRIPTION	QTY	UNIT	QTY in KG	RATE	Amount	Total	Installation charges in %	Installation Amount	
A) Chilled Water Piping:										
Terrace										
1	200 mm NB MS C Class pipe_CHWR_8930	9.000	Rmt.	265.050	70.35	18,646.27				
2	350 mm NB MS C Class pipe_CHWR	60.000	Rmt.	2950.000	70.35	2,07,532.50				
3	250 mm NB MS C Class pipe_CHWR	70.000	Rmt.	2590.000	70.35	1,82,206.50				
4	125 mm NB MS C Class pipe_CHWR	14.000	Rmt.	229.600	70.35	16,152.36				
5	200 mm NB MS C Class pipe_CHWS	13.000	Rmt.	382.850	70.35	26,933.50				
6	350 mm NB MS C Class pipe_CHWS	55.000	Rmt.	2704.167	70.35	1,90,238.13				
7	250 mm NB MS C Class pipe_CHWS	92.000	Rmt.	3404.000	70.35	2,39,471.40				
8	125 mm NB MS C Class pipe_CHWS	7.000	Rmt.	114.800	70.35	8,076.18				
9	Decoupler Line_350MM	4.000	Rmt.	196.000	70.35	13,788.60				
10	50 mm NB MS C Class pipe	30.000	Rmt.	213.000	70.35	14,984.55				
11	25 mm NB MS C Class pipe	12.000	Rmt.	48.000	70.35	3,376.80				
12	15 mm NB MS C Class pipe	6.000	Rmt.	16.560	70.35	1,165.00				
							9,22,571.78	35%	3,22,900.12	
13	Structural Supports:									
	Structural supports for supporting MS pipe line works with GI anchor fastners, GI nut/bolts etc... MS stands shall be painted with Epoxy based primer, followed by epoxy black colour.									
		3000.000	kg		75.00	2,25,000.00	2,25,000.00	35%	78,750.00	
							11,47,572.00		4,01,650.00	
						Add GST @ 18 %	2,06,562.96		72,297.00	
						Total with GST	13,54,135.00		4,73,947.00	
TOATAL MATERIAL + INSTALLATION CHARGES								18,28,082.00		

APPROVED BY
29 NOV 2023
SOHAM MODI
MANAGING DIRECTOR

MR APPROVED
27/11/23

V. Ramiah Reddy
27/11/23

Company Name:
Project:
Work Description:
Prepared By
Date:

BOQ for NRK Fire Hydrant Piping excluding valves & Pump room etc.

Ref: 20231124005

NRK
Nextopolis
Fire Fighting fabrication works
QS HO
21.11.2023

S No	Item Head	Description	Units	Quantity A	Rate B	Amount C=(A*B)	Installation rate in percentage D	Installation Amount E=(C*D)
1		MS Fabrication works						
		A) Down Corners, Wet Risers and Terrace Ring main						
1		150 dia Sprinkler Pipe MS-C class_3190	Kgs	2652.00	70.00	1,85,640.00		
2		150 dia Sprinkler GI pipe_1902	kgs	553.80	85.00	47,073.00		
3		150mm Elbows_Sprinkler Pipe_7984	No.s	7.00	716.00	5,012.00		
4		150 dia Fire Hydrant Pipe MS-C class_3190	Kgs	6981.00	70.00	4,88,670.00		
5		150 dia Fire Hydrant GI Pipe	kgs	340.80	81.00	27,604.80		
6		150mm Elbows_Hydrant Pipe_7984	No.s	7.00	716.00	5,012.00		
7		150 dia MS Pipe_3190	Kgs	278.55	70.35	19,595.99		
8		50 dia Elbows_6759	No.s	3.00	87.75	263.25		
9		150 dia Flanges_2596	No.s	80.00	435.75	34,860.00		
10		50 dia Flanges_3676	no.s	16.00	110.00	1,760.00		
11		Painting Red Oxide & Red Paint	Rmt	9911.55	30.00	2,97,346.50		
		Total (A)				11,12,837.54	35.00%	3,89,493.14
2		B) Fire Fighting - Yard Hydrant Line:						
1		150 dia GI Pipe_1902	Kgs	4749.90	85.00	4,03,741.50		
2		150 dia MS Pipe_3190	Kgs	1852.50	70.00	1,29,675.00		
3		150 dia bends_1389	No.s	10.00	630.00	6,300.00		
4		80 dia MS Pipe_8290	Kgs	118.80	85.05	10,103.94		
5		80 dia Flange_3746	No.s	10.00	153.30	1,533.00		
6		Painting Red Oxide & Red Paint	Rmt	6721.20	30.00	2,01,636.00		
7		Structural Supports	Kgs	1020.00	75.00	76,500.00		
		Total (B)				8,29,489.44	35.00%	2,90,321.30
		Total (A+B)				19,42,327.00		6,79,814.00
		GST @ 18%				3,49,618.86		1,22,366.52
		Grand Total				22,91,946.00		8,02,181.00
		TOATAL MATERIAL + INSTALLATION CHARGES						30,94,127.00

APPROVED
29 NOV 2023
SOHAM MOH
MANAGING DIRECTOR

Handwritten signature and date: 27/11/23

Handwritten signature: V. Parvath Reddy
27/11/23