R.No: 6734

04 SEP 2018

To,

The Assistant Engineer (QC)
Quality Control Lab, DUSIB
Vikas Kutir, ITO, New Delhi

3793

Part I

No:- WG/4865/AE -IV/C-3/18-19/D- 9 Date: 4/9/18
Award latter no. : WG/4814(07)/EEC-3/DUSIB/18-19/D-730 Dated 07/08/2018
Sub: Testing of Coarse/~~fine~~ sand for particle size distribution/Silt content

1. NOW :- *:- GIA*
SH :- Construction/upgradation of existing abandoned boundary wall for vacant lying plot at resettlement colony, Near F block, Mangolpuri. Change of site from F- block Mangolpuri to S-block(opp plot No S 622 & 623) and A block LSC adjacent to post office and abandoned FPS shops Mangolpuri. (project ID10398)

1.	**Detail from where sample is collected:**	Above noted work.
4.	**Name of Circle/Division:**	Circle-I, C-3
5.	**Name of Junior Engineer**	Sh. Anuj
6.	**Name of Assistant Engineer:**	Sh. R.C. Goel
7.	**Name of Executive Engineer:**	Sh. V.S. Fonia
8.	**Name of Contractor/Agency:**	M/s Fairdeal construction co
9.	**Name of Officer collection sample :**	Sh. R.C. Goel
10.	**Date of collection:**	30.8.18
11.	**Size and description of sample:**	Coarse
12.	**Quantity of sample sent for testing:**	**approx. 5 kg.**

Specimen relating to work mentioned above is/are sent for testing. It is certified that the sample (S) marked..... has/have been taken in my presence which represent..... quantity of work/supply made at site/store.

Signature of JE Incharge of work | **Signature of Contractor** | **Signature of Officer taking sample (EE/AE)**

Part II TEST REPORT

No. SE (QC)/AE (~~Lab~~)/2018/D- 789 Date : 06/09/18
Test No. 6734 Date 04/09/18
Date of Receipt 04.9.18 Date of Testing 04.9.18

(A) SILT CONTENT :

Height of Silt : 6 mm
Height of Sand : 88 mm
%age of silt content : $\frac{6}{88} \times 100 = 6.82\%$ ACCEPTABLE

(B) GRADING : Zone III Weight of sample tested: 500 gm

S. No.	Sieve Size	Weight retained in (gms)	%age wt Retained	Cumulative %age retained	%age passing	Reqd. %age passing as per specs.
1.	10mm	0 gm	0.00	0.00	100.00	100
2.	4.75mm	0	0.00	0.00	100.00	90-100
3.	2.36mm	37	7.40	7.40	92.60	85-100
4.	1.18mm	52	10.40	17.80	82.20	75-100 ACCEPTABLE
5.	600micron	92	18.40	36.20	63.80	60-79
6.	300micron	202	40.40	76.60	23.40	12-40
7.	150micron	76	15.20	91.80	8.20	0-10
8.	Pan	41	8.20	100.00	0.00	

Only testing has been conducted in this laboratory, the samples have been collected and handed over by the filed staff of the concerned division.

Copy to:

1. EE/C-3
2. .....

04/9/18
Assistant Engineer (QC) ~~Lab~~
DUSIB, VikasKutir, ITO
Assistant Engineer (QC)
Delhi Urban Shelter Improvement Board