



R. R Corporate

2-40/40/101, Road No.2, Shilpa Hills,

Khanamet, Hyderabad - 500 084

ayyappaconstructions@yahoo.com

Ayyappa Infra Projects (P) Ltd.

Work Order

Ref.: -AIPPL/DELHI/2022-23/site/06

Date: 29/05/2023

To,

M/S O.B DEVELOPERS

F-14 Kalkaji Main Road,

New Delhi- 110019

Mobile No . +91-9717924616

Sub: Work order for Health Assessment of Existing STP.

Ref: Quotation No- OBD/2023/4/7Date- 27/05/2023

As per your quote dated on 27/05/2023 and further part of negotiation with your firm representative, we are here by pleased to place work order of Health Assessment of Existing STP(Augmentation/Up-gradation of existing STPs at Najafgarh (5MGD), Keshopur Ph II(20 MGD) & Phase III (60 MGD) under Pkg-2(Delhi Jal Board) of liquid stream on latest parameters of BOD/TSS as 10/10mg/l without TKN removal, P<1, e-colicform<230 MPN and Odour control.), Delhi Jal Board

S.N.	Description	Unit	29 STP Structure	Rate/Unit	Total
			RCC Framed		
1	Visual Survey: - Visual inspection for surface damages, cracks, flaking, coloration, local weaknesses, etc and their damage classification. Simple tools and instruments like camera with flashlight, magnifying glass, binoculars, gauge for crack width measurement, chisel and hammer, etc shall be used for measuring the distresses. The visual inspection shall largely cover areas of high distress, cracks and their location, moisture, leakage, abnormal variations in structure, algae and fungus growth, efflorescence, etc. Visual inspection would be documented in the form of worksheets, photographic records, and distress over drawings etc.	Nos	29	6800.0	197200



2	Rebound Hammer Test: For determining the estimated compressive strength of concrete and uniformity of concrete in terms of surface hardness as per IS 13311 (Part- 2 2)- 1992, ASTM C 805-02, BS 6089:1981 and BS 1881: Part305 0 202, BSEN:13791, also establishing correlation chart between rebound hammer and other confirmatory test for estimated in-situ strength of concrete if required.	Nos	250	275.0	68750
3	Ultrasonic Pulse Velocity Test: for ascertaining the quality of concrete, soundness and density of concrete, uniformity of concrete in terms of density as per IS 13311 (Part-1)-1992, ASTM: C597-83, BS 6089: 1981 and BS 1881: Part 203 and BSEN:13791	Nos	130	950.0	123500
4	Crack Pattern analysis: Crack depth and crack width will be measured by Ultrasonic Pulse Velocity system, mapping of crack pattern, classification of cracks and cause analysis of crack propagation as per ACI 318, 201, IS 456.	Sqft	L.S	30000.0	30000
5	Half Cell Potential Test : Measuring the Half Cell Potential readings with wheel electrode at the nodes of pre-marked grid points on concrete surface in a suitable grid for determining the probability of corrosion activity of embedded steel reinforcement in concrete with specified half-cell electrode in accordance with ASTM C876-1980 after moistening the concrete surface with water. The rate shall include surface preparation, moistening concrete surface for assessing the percentage risk of corrosion in reinforcement, Measuring the half-cell / surface potentials at selected locations on RCC members of the structures covered under the study to understand the extent of reinforcement corrosion and contour Mapping of corrosion, Plotting the half-cell potential readings in graphical presentation with potential contours plotted in terms of probable risk of corrosion of steel bar as per ASTM C876 [6]-1991	Nos	80	500.0	40000



6	pH value & Carbonation (to check alkane of concrete) as per relevant B.S. 5328, ACI 201.2R-92 and ACI-318-99, IS 456:2000, BS 8110	Nos	80	900.0	72000
7	RCC Details: RCC details by using ferro scanner for measuring the cover depth and existing protecting layer of steel rebar, diameter of steel and number of rebar, Preparation of structural details of RCC sections	Nos	80	1200.0	96000
8	Report, Interpretation and Recommendation: Preparing and submitting comprehensive report consisting of findings from visual inspection, test data, interpretation of results, conclusions and final recommendation.	Sqft	L.S	15000.0	15000
			Total		642450

Terms & Conditions: -

1. GST as applicable .
2. Jurisdiction is from Hyderabad.

Terms & Conditions:-

1. 20% advance, 60% after site work completion and 20% after submission of all reports & required documents.
2. Damages to be repair by client.
3. 18% GST will be charged extra.

3. Billing Address

M/s. Ayyappa Infra Projects Private Limited
Aggarwal Chowk, Upper Ground Floor ,
E-6, Santh Garh Extension ,
Keshopur, New Delhi-110018

You are requested to sign and return the duplicate copy of this order as a token of your acceptance of the same.

Thanks & Regards

For Ayyappa Infra Projects Pvt Ltd



Authorized Signatory

O.B Developers

Authorized Signatory