Form 2(UT)

ENGINEER'S CERTIFICATE

(To be submitted at the time of Registration of Ongoing Project and for withdrawal of Money From Designated Account- Project wise)

Date:-20/06/2020

To

The

USHA DEEPAK THOOL

PLOT NO.56, DR. AMBEDKAR CO-OP SOCEITY, AWALE NAGAR,

HINGNA ROAD, NAGPUR-440022

Subject: Certificate of Cost Incurred for Development of [Project Name] for Construction of RESIDENTIAL LAYOUT situated on the land bearing C.N. No/CTS No. /Survey no. 17/1 demarcated by its boundaries (latitude and longitude of the end points) ----------to the North by survey no.09 to the South to the East by survey no.17/2 to the West of Village Takli, taluka Hingna District Nagpur PIN 441110 admeasuring 6507.910 sq.mts. Area being developed by Usha Deepak Thool.

Ref: Maha RERA Registration Number----------

Sir,

I/We **Sumit Awale** have under taken assignment of certifying Estimated Cost for the Subject Real Estate **RESIDENTIAL LAYOUT Project proposed to be registered under Maha RERA, being LAND bearing C.N. No/CTS No. /Survey 17/1, Village takli taluka Hingna District Nagpur PIN 441110 admeasuring 6507. 910 sq.mts. Area being developed by USHA DEEPAK THOOL.**

1. **Following technical professionals are appointed by Owner / Promoter:-**
   (1).M/s Shri/ **sumit awale**_____as L.S. Architect/CIVIL ENGINEER
   (2) M/s / Shri/ Smt_____as Structural Consultant
   (3) M/s / Shri/ Smt_____as MEP Consultant
   (4) M/s / Shri/ Smt_____as Quantity Surveyor

2. We have estimated the cost of the completion to obtain Occupation Certificate/ Completion Certificate, of the Civil, MEP and Allied works, of The Building(s) of the project. Our estimated cost calculations are based on the Drawings/plans made available to us for the project under reference by the Developer and Consultants and the Schedule of items and quantity for the entire work as calculated by quantity Surveyor* appointed by Developer/Engineer, and the assumption of the cost of material, labour and other inputs made by developer, and the site in section carried out by us.
3. We estimate Total Estimated Cost of DEVELOPMENT OF RESIDENTIAL LAYOUT of the aforesaid project under reference as Rs 9523362=50 (Total of able A&B).The estimated Total Cost of DEVELOPMENT OF RESIDENTIAL LAYOUT is with reference to the Civil, MEP and allied works required to be completed. For the purpose of obtaining occupation certificate/completion certificate for the building(s) from the__being the Planning Authority under whose jurisdiction the aforesaid project is being implemented.
4. The Estimated Cost Incurred till date is calculated at Rs.__NIL__(Total of Table A&B).The amount of Estimated Cost Incurred is calculated on the base of amount of Total Estimated Cost.

SUMIT AWALE
Civil Engineer &
Civil Govt. Contractor

TABLE B

(To be prepared for the entire registered phase of the Real Estate Project)

S. No.	Particulars	Amounts
1	Total Estimated cost of the Internal and External Development Works including amenities and Facilities in the layout as on---------- date of Registration is	9523362=50 /-
2	Cost incurred as on _____ (based on the Estimated cost)	---------- /-
3	Work done in Percentage (as Percentage of the estimated cost)	0%
4	Balance Cost to be Incurred (Based on Estimated Cost)	9523362=50
5	Cost Incurredon Additional /Extra Items as on _____not included in the Estimated Cost (Annexure A)	---------- /-

Yours Faithfully

Signature of Engineer

SUMIT AWALE

Civil Engineer &
Civil Govt. Contractor

* Note

1. The scope of work is to complete entire Real Estate Project as per drawings approved from time to time so as to obtain Occupation Certificate /Completion Certificate.
2. (*) Quantity survey can be done by office of Engineer or can be done by an independent Quantity Surveyor, whose certificate of quantity calculated can be relied upon by the Engineer. In case of independent quantity survey or being appointed by Developer, the name has to be mentioned at the place marked (*) and in case quantity are being calculated by office of Engineer, the name of the person in the office of Engineer, who is responsible for the quantity calculated should be mentioned at the place marked(*).
3. The estimated cost includes all labour, material, equipment and machinery required to carry out Entire work.
4. As this is an estimated cost, any deviation in quantity required for development of the Real estate Project will result in amendment of the cost incurred/to be incurred.
5. All components of work with specifications are indicative and not exhaustive.

Annexure A

List of Extra / Additional Items executed with Cost
(Which was not part of the original Estimate of Total Cost)

5. The Balance cost of Completion of the Civil, MEP and Allied works of the Building(s) of the subject project to obtain Occupation Certificate / Completion Certificate from----------(Planning Authority) is estimated at Rs_____(Total of Table A&B).
6. I certify that the Cost of the Civil, MEP and allied work for the aforesaid Project as completed on the date of this certificate is as given in Table A and B below:

TABLE A

Building/Wing bearing Number_____or called_____

(To be prepared separately for each Building/ Wing of the Real Estate Project)

Sr. No	Particulars	Amounts
1	Total Estimated cost of the building/wing as on_____ date of Registration is	NIL /-
2	Cost incurred as on_____ (based on the Estimated cost)	NIL /-
3	Work done in Percentage (as Percentage of the estimated cost)	NIL
4	Balance Cost to be Incurred (Based on Estimated Cost)	NIL
5	Cost Incurred on Additional /Extra Items as on_____not included in the Estimated cost (Annexure A)	NIL

SUMIT AWALE
Civil Engineer &
Civil Govt. Contractor

SUMIT ENGINEERS & CONTRACTOR

Plot No. 13, Goodluck Society, Jaitala, Nagpur.

*Land Development Works
*Road Construction
*Storm & Sewer Line Works
*Paver Block Fitting
*Sewage Treatment Plant

Mob. No. 9156587879

Email id:- sumitengg13@gmail.com

Name Of Work :- Development Works For Kh. No. 17/1, PH. No 45 Mouza-TAKLI , Tah.- HINGNA, Dist.- NAGPUR .

SUMMARY OF ALL WORKS

Sr. No.	Perticulars	Amount
1	ESTIMATE OF WBM & C.C. ROAD	3488849.00
2	ESTIMATE OF HDPE LINE	309727.50
3	ESTIMATE OF STORM LINE	1117550.00
4	ESTIMATE OF SEWER LINE	2304900.00
5	ESTIMATE OF OPEN SPACE COMPOUND WALL	722800.00
6	PROBABLE ESTIMATE OF BBM ROAD	1579536.00
		9523362.50

SUMIT AWALE
Civil Engineer &
Civil Govt. Contractor

ESTIMATE OF BBM ROAD

ABSTRACT

Sr.No.	Item of work	Qty.	Unit	Rate	Amount
1	Compacting Of Loose B C Soil with Vibratory Roller ..... etc Complete .	1296.00	Sqmt	15.00	19440.00
2	Construction of granular sub-base by providing close graded Material, (150 mm Compacted Thickness)	1728.00	Sqmt	217.00	374976.00
3	Providing & Laying 80 mm Metal (100 mm Compacted Thickness) ,Etc Complete .	1728.00	Sqmt	245.00	423360.00
4	Providing & Laying 40 mm Metal (75 mm Compacted Thickness) ,Etc Complete .	1728.00	Sqmt	270.00	466560.00
2	Providing & Laying 50 mm Thick BBM Compaction,Etc Complete	720.00	Sqmt	170.0	122400.00
3	Providing & Laying 20 mm Thick Carpet Compaction,Etc Complete .	720.00	Sqmt	160.00	115200.00
4	Providing & Laying Seal Coat, over carpet Compaction,Etc Complete .	720.00	Sqmt	80.00	57600.00
				Total Rs	1579536.00

ESTIMATE OF SEWER LINE

ABSTRACT

Sr.No.	Item of work	Qty.	Unit	Rate	Amount
1	Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material up to a distance of 50 m beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.5 m.)				
a)	250 mm dia Pipe	180.00	Cum	150.00	27000.00
b)	300 mm dia Pipe	158.00	Cum	150.00	23700.00
2	Providing and laying cement concrete pipe of IS 458:2003 NP-2 class Spigot Pipes of 250mm Including Laying Etc Conplete	180.00	RMT	1185.00	213300.00
3	Providing and laying cement concrete pipe of IS 458:2003 NP-2 class Spigot Pipes of 300mm Including Laying Etc Conplete	158.00	RMT	1550 00	244900.00
4	Providing and constructing Brick Masonry Inspection Chamber 600mm x 900mm x 1200mm Size Etc Complete	15.00	No.	13500 00	202500.00
5	Providing and constructing Brick Masonry Inspection Chamber 750mm x 1200mm x 1200mm Size Etc Complete	5.00	No	18700.00	93500.00
6	Providing & Consructing In Situ RCC Sewage Treatement Plant As Per Submission Drawing With Sludge Bed & STP Plateform.		LUMPSUM		1500000.00
				Total Rs	2304900 00

ESTIMATE OF STORM LINE

ABSTRACT

Sr.No.	Item of work	Qty.	Unit	Rate	Amount
1	Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material up to a distance of 50 m. beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete (Lift upto 1.5 m.)				
a)	300 mm dia Pipe	180.00	Cum	150.00	27000.00
b)	450 mm dia Pipe	200.00	Cum	150.00	30000.00
2	Providing and laying cement concrete pipe of IS 458:2003 NP-2 class of 300mm diameter in proper line, level and slope including providing and fixing collars in cement mortar 1:2 and curing etc. complete.	180.00	RMT	1215.00	218700.00
3	Providing and laying cement concrete pipe of IS 458:2003 NP-2 class of 450mm diameter in proper line, level and slope including providing and fixing collars in cement mortar 1:2 and curing etc. complete.	200.00	RMT	1825.00	365000.00
5	Providing and constructing Brick Masonry Inspection Chamber 600mm x 600mm x 1200mm Size Etc Complete	9.00	No.	15670.00	141030.00
6	Providing and constructing Brick Masonry Inspection Chamber 750mm x 900mm x 1200mm Size Etc Complete	9.00	No.	18980.00	170820.00
7	Providing and constructing Brick Masonry Rainwater Harvesting Chamber 1.70 M x 4.0 M x 2.50 M Size Etc Complete	1.00	No.	125000.00	125000.00
8	Providing and constructing Brick Masonry Rainwater Harvesting Chamber 1.91 M x 2.06 M x 2.50 M Size Etc Complete	1.00	No.	40000.00	40000.00
				Total Rs	1117550.00

ESTIMATE OF HDPE LINE

ABSTRACT

Sr.No.	Item of work	Qty.	Unit	Rate	Amount
1	Excavation for foundation/pipe trenches in earth, soils of all types, sand gravel and soft murum, including removing the excavated material upto a distance metres and lifts as below, stacking and spreading as directed, normal dewatering, preparing the bad for foundation and excluding backfilling, etc. complete.				
a)	160 mm dia Pipe	10.75	Cum	150 00	1612 50
b)	110 mm dia Pipe	60.75	Cum	150 00	9112 50
c)	75 mm dia Pipe	21.75	Cum	150 00	3262 50
2	**Providing and supplying** In standard lengthsHigh Dernsity **Polyethelene Pipes** , confirming to I.S. 4984 / 14151/12786/13488 with necessary jointing material like mechanical connectors I.e. thread / insert joint / quick , etc. complete.PE 100 (8 Kg / Sqcm)				
a)	160 mm Dia. Pipe	43.0	RMT	1260.00	54180.00
b)	110 mm Dia. Pipe	243.0	RMT	680.00	165240.00
c)	75 mm Dia. Pipe	87.0	RMT	460 00	40020.00
3	Providing and supplying double flanged short body pattern type manually operated Butterfly **SLUICE VALVEe** having body, disc and end cover in graded cast iron .... etc. complete.				
	160 mm Dia Cast Iron Pn-1 rating.	1.0	Nos	6900.00	6900.00
	110 mm Dia. Cast Iron Pn-1 rating.	1.0	Nos.	4800.00	4800.00
4	Providing and constructing **B.B. masonary valve chamber**. 600 mm x 600 mm Etc Complete.	2.00	Nos.	12300	24600.00
				Total Rs	309727.50

ESTIMATE OF WBM & C.C. ROAD

ABSTRACT

Sr.No.	Item of work	Qty.	Unit	Rate	Amount
1	Compacting Of Loose B C Soil with Vibratory Roller . . .etc Complete	1590 00	Sqmt	15.00	23850.00
2	Supplying Hard Murum /Kankar at the road side, including conveying and stacking complete. For Blanketing & For Side Shoulder	1020.75	Cum	700.00	714525.00
3	Construction of granular sub-base by providing close graded Material, (150 mm Compacted Thickness)	902 00	Sqmt	217 00	195734 00
4	Providing & Laying 40 mm Metal (100 mm Compacted Thickness) ,Etc Complete	902.00	Sqmt	270.00	243540.00
5	Providing and laying Cast in situ/Ready Mix cement concrete in M-10 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding For Rigid Pavement	90.20	Cum	4690.00	423038.00
6	Providing and laying in-situ M35 Grade unreinforced plain cement concrete pavement Etc Complete	141.40	Cum	7300.00	1032220 00
7	Cutting transverse contraction joints 3 to 4 mm wide and depth50- 60mm. .In concrete slab using concrete cutting ,Filling The Gap Using Coal Tar As Filling Material	212.30	Rmt	200.00	42460.00
8	Providing and fixing heavy duty inter locking concrete RUBBER MOULD GLOSSY PAVING BLOCKS of 80 millimeter thickness of having a strength of 400 Kg/sq.m Etc Complete	953.00	Sqmt	800.00	762400.00
9	Providing and casting in situ cement concrete in M20 of trap/ granite/quartzite/gneiss metal forRunner Beam Including 8 Inch Piles Upto 1.20 M Depth At Every 10 m C/C . .Etc Complete	9.50	Cum	5377.00	51082.00
				Total Rs	3488849.00

ESTIMATE OF OPEN SPACE COMPOUND WALL

ABSTRACT

Sr.No.	Item of work	Qty.	Unit	Rate	Amount
1	Providing Grilled Fencing To Open Space Including Excavation For Foundation , Brick Masonry ,Plaster ,M S Grill Gate Etc Complete	130 00	Rmt	5560 00	722800 00
				Total Rs	722800 00