

PARTICULAR SPECIFICATION		
Sno	Description	Nature
1	Contractor is requested to GO THROUGH the complete Particular Specification and make himself completely understand the specification pertaining to his work and make himself convinced before making quotation and any doubt or clarifications can be obtained from the Engineer –In-charge.	general
2	On quoting for this specification, it is agreed and accepted by the contractor that he had gone through the complete specification and completely understands it and hence he will adopt / adhere without any compromise to the quality and materials required by the Department.	general
3	The safety of workmen shall be the responsibility of the contractor and the contractor has to visit the site and access the risk factors involving in the work. And any doubt pertains to specification or method of execution shall be enquired and obtain information from the E-In-Charge. And regarding safety risk he can consult with the Safety Officer and get his advice.	general
4	All safety equipments like Helmet, Safety Belt, Gloves, Mask, Boot, safety Net, ladder etc for workmen should be provided by the contractor and ensure during the any time of work they must wear.	general
5	Work permit should be invariably been obtained by the Contractor before starting of work on daily basis.	general
6	Water charges and Electrical charges will be recovered as per the Government directives.	general
7	Warning boards should be placed on roadside during execution of work to avoid any accident.	general
8	Works diary must be maintained by the contractor on daily basis.	general
9	All the tools and equipments required for this work are to be brought by the contractor.	general
10	All the works are to be carried out as per the Standard Procedure laid in SSR 2009 Part-I Specification. The entire work is required to be completed as specified in the SSR 2009 Volume – I, Part – I and to be completed as per the best engineering practice	general
11	Contractor should use only approved quality materials mentioned in the Schedule – A and also the contractor should bring the required quantity material as mentioned in the Schedule – A, if any make not mentioned against any item, those item should be brought to the knowledge of Engineer-in-charge before incorporating into the work.	general
12	All dust and other material thus removed shall be carried away and dumped at suitable places as directed by the Engineer-in-charge.	general
13	The Contractor shall be permitted to work between 8.00 Hrs. and 16.45 Hrs in Working days and after this the work may be permitted with the approval of competent authority.	general
14	The Contractor has to produce the Test Certificate confirming to I.S. and other accepted Codes and Standards in support of the quality of materials procured. If the materials are found to be substandard or not confirming to the prescribed test standards, the same will be rejected without any claim for damages whatever.	general
15	The red flags/ ribbons shall be placed near the site to caution the employee from approaching the works spot to avoid accidents.	general

16	Adequate safety precautions are to be adopted by the Contractor while working and he will be responsible for his men and material in case of any untoward incidents occurring in the site.	general
17	All items of contract are required to be carried out as specified / described in the "EXCEL BOQ".	general
18	The Specifications and Make for all items shall have to be strictly adhered to during execution of the work.	general
19	On acceptance of contract extension of PDC will not be permitted or entertained and hence it is advised to the contractors to make a time bound schedule of completion of work.	general
20	The contractor is requested to inspect the site before making the quotation and he can clear his doubts before making quotation.	general
21	Under any circumstances after acceptance of Tender, deviation on specification due to contractors ignorance shall not be accepted.	general
22	For any of the items the make not mentioned above, shall be got approved by EIC before incorporation of the work. In case of makes for materials/ items, the decision of Engineer-in-charge is final.	general
23	Contractor have to clean the site/ road/ after completion of work. In this regard a Joint site visit shall be done by SIC, EIC and firm.	general
24	The Contractor shall observe all the safety provisions and other statutory requirement as applicable under relevant acts	general
25	Contractor shall submit all risk policy and extent insurance coverage to workmen under workman's compensation act. No workman will be allowed to work on roof without proper insurance coverage as required.	general
26	The contractor shall execute other items/works as may be required for satisfactory completion of work which shall be paid as per the terms of contract and as per AVNL Civil works manual.	general
27	Contractor shall make arrangement to clear off the dismantled debris from the premises from time to time. Accumulation of debris at site for long time till will not be permitted	general
28	A qualified and responsible Engineer shall be in attendance at site exclusively for this work and he shall be fully associated with the right from planning to execution and co-ordination of the work.	general
29	Skilled and experienced working hand shall be deployed for the work	general
30	All the required material shall be brought at site and sufficient skilled manpower shall be arranged before commencing the work at roof.	general
31	The workmen employed shall be covered/ insured under Workmen Compensation act.	general
32	The Contractor shall be responsible to make good and rectify at his own cost any defect which may develop or may be noticed and intimation of which has been sent to the contractor by letter delivered by hand or by registered post before the expiry of a period of 01 (One) Year (hereinafter referred to as defects liability period/Maintenance Period) from the completion of whole of the work.	general
33	In the event of the contractor failing to rectify the defect or damages within the period specified by the Engineer-In-Charge in his notice aforesaid, the Engineer-In-Charge may rectify or remove and Re-execute the work and /or remove and replace with other materials or articles complained of, as the case may be, by or other means at the risk and expense of the contractor.	general

34	Making final payment shall not discharge or release the contractor from his responsibilities and liabilities under the contract.	general
35	Firm has to be ensure that there should not be any damage to the Under Ground Cable or Drainage pipes. Any such damaged should be rectified by firm on his own cost.	general
36	The sand to be used shall be M-sand free from dust, black stones, pebbles, organic matters, silt, mud etc	civil
37	The brick to be used for the work shall be of well burnt, good quality bricks free from cracks, flaws, wraps and nodules of free lime and shall be of uniform sizes and shape.	civil
38	The aggregates to be used for the concrete shall be of black (or) blue hard granite aggregate free from quarry dust, earth etc. The size of the aggregate shall be of uniform Size as per the requirement. Flaky and elongated pieces over sizes shall be avoided.	civil
39	The cement to be used shall be of OPC (Ordinary Portland Cement) of 43 Grade and 53 grade only of Birla, Ramco, Dalmia, Corommondal, Ultratech bags, ACC, ZUARI age not more than three months from date of manufacture	civil
40	All the cement works shall be cured for at least 15 days or as required as per the directives of Engineer-in-Charge.	civil
41	The concrete shall be of machine mixed and no manual mixing shall be allowed	civil
42	The materials required for the concrete and the cement work shall be measured by means of measurement boxes only and no other mode of measurement shall be allowed	civil
43	All the concrete work shall be compacted using mechanical vibrator or surface vibrator or needle vibrator as per the requirement and directives of Engineer-in-Charge	civil
44	Steel reinforcement to be used for the work shall be of ISI approved TMT bars of make TATA, AGNI, SAIL, i-STEEL, JSW TMT Plus or as approved by Engineer-in-Charge. Steel used for reinforcement should be of good quality and should conform to IS 456/1978 specification	civil
45	The formwork shall be steel or Ply formwork only	civil
48	Steel to be used for Structural fabrication work (CHANNELS, ANGLES, I-BEAMS, FLATS) shall be ISI approved of make VIZAG/ TATA/ SAIL/ ISPAT Industries/ Jindal Steel/ Apollo.	civil
49	Contractor should use only quality lime powder (Rajapalayam make or as approved by E-I-C) for white wash before commencement of work.	painting
52	The plain glass to be used shall be of make Saint Gobain/ ModiGuard/ Asahifloat	civil
54	The Plastic Emulsion, Exterior Emulsion, synthetic enamel paints shall be of ASIAN/ NEROLAC/ BERGER/ BIRLA OPUS PAINTS Make.	painting
55	The PVC pipes and fittings shall be Finolex/ Supreme/ Ashirvad/ Astral/ Apollo make.	plumbing
56	The primer used for this work shall be Oil based and not water based.	painting
59	Tiles shall be of Premium Quality of make Kajaria/ Jhonson/ Somany/ NITCO/ Orientbell. Sample of Tiles should be made available before commencement of the item and got approved by Engineer-in-charge. Tile work also includes Border tiles of approved shade and design and payment will be made as per the item available in Schedule A.	tile
60	UPVC Door, windows and other accessories to be used shall be of SAINT GOBAIN/ FENESTA/ TIMBE/ WEATHERSEAL/ KOMMERLING/ UNITECH/ NCL WINDOWS make or as approved by Engineer-in-charge.	door window

61	Weather silicon sealant to be used for the work shall be of Dr. Fixit/ M-Seal/ Asian/ Loctite make.	door window
62	Sensor operated pillar cock, Sensor type Urinal shall be of of Jaguar/ Koheler/ Euronics/ Cera make.	plumbing
63	Post construction termite treatment chemical shall be NOLERX-25/Dermet TC/PIOBAN TC make or equivalent as approved by Engineer-in-Charge.	civil
64	Mortise lock shall be of Godrej/ Lapo/ Yale make or equivalent as approved by Engineer-in-Charge.	door window
65	The PVC doors and frames shall be Sintex/Rahashree Make or equivalent as approved by Engineer-in-Charge.	door window
68	The Cable and Wire shall be of ISI approved and Fire proof self extinguishing quality Make Finolex/ Polycab/ Havells/ KEI/ V-Guard or equivalent as approved by Engineer-in-charge	electrical
69	The PVC Conduit shall be Modi/Avon/ Plasto only or equivalent as approved by Engineer-in-charge	electrical
70	The wiring accessories shall be Havells/ Anchor/ Finolex/ KEI/ V-Guard or equivalent as approved by Engineer-in-charge	electrical
71	The Lugs and glands shall be Dowells/ Jainsons or equivalent as approved by Engineer-in-charge	electrical
72	The MCB shall be Siemens/ Legrand/ Indo Asian Make or equivalent as approved by Engineer-in-charge	electrical
73	MCCB shall be of Siemens/ L&T/ Schneider/ ABB make or equivalent as approved by Engineer-in-charge	electrical
74	The LED fittings shall be Philips/Bajaj/Havells/Wipro/ Luker or equivalent as approved by Engineer-in-charge	electrical
75	The installations shall strictly comply with the provision contained in the latest edition of the Indian Electricity rules and IS – 732 Code of Practice for Electrical wiring and fittings in buildings.	electrical
76	The switch and socket shall be Anchor/Havells/Indo Asian/ Goldmedal/ Legrand make or equivalent as approved by Engineer-in-charge	electrical
77	The exhaust fan shall be heavy duty Almonard/Crompton Greaves/Havells make or equivalent as approved by Engineer-in-charge	electrical
78	The modular box shall be Anchor/Legrand/Indo Asian make or equivalent as approved by Engineer-in-charge	electrical
79	All the Electrical equipments used for the work shall be tested and certified. It is the complete responsibility of the contractor to use only tested equipments (Welding Machine, Drilling machine, Gas welding kit) etc.	electrical
80	All the electrical Items / cables should got to be approved by the Engineer-In-Charge before commencement of work	electrical
81	If the tenderer fails to employ the Technical men as indicated above for the works, penalty shall be levied during the period of such non-employment of technical men.	electrical