

ANNEXURE XI

Table – I Enlistment Rules 2005

Category	Class	Jurisdiction & Enlistment Authority	Tender limit	Past experience of completed works in last 5 years	Financial soundness	Engineering Establishment	T&P Machinery	Enlistment processing fee
1	2	3	4	5	6	7	8	9
Civil	I	All over India DG (W)	Rs.10 Crore	Three works of Rs. 1.5 Crore each. (At least two works should be building works) or two bldg. works of Rs 3 Crore each or one bldg. work of Rs. 8 Crore. For Roads Only :- In case of three works of Rs. 1.5 Crore, two should be Road works or two road	Banker's certificate of Rs.10 Crore	a) One Graduate engineer(c) with 10 years experience with experience of planning and design of shuttering / props b) Three graduate engineers(c) with 5 years experience c) Six diploma Engineers(c) each with experience of not less than 5 years.	"For Building work" i) Total station - 1 No. ii) Builders hoist- 2 Nos. iii) Concrete mixers of full bag capacity- 5 Nos iv) Steel shuttering 5000 sq.m. with minimum of 2000 sqm procured during last two years. v) Steel props for 15000 m3 space with min. of 6000 m3 space procured during last two years. vi) Pneumatic loader(conveyor) for cement - 1 No vii) Mortar Mixer - 2 Nos vi) Needle vibrator-10 (5 OIL, 5 ELECTRIC) viii) Beam vibrator - 2 Nos ix) Slab vibrator = 4 Nos xi) Shutter vibrator =6 Nos xii) Vibro compactor - 1 No. xiii) Hydra machine. - 1 No. xiv) Batching plant (min. 30 m3 capacity) = 1 No.	Rs. 20,000

				works of Rs. 3 Crore each or one Road work of Rs. 8 Crore Note : All Completion cost			“For Roads Only” i) Wet macadam mix plant = 1 No. ii) Pavers finishers 2 Nos iii) Road rollers 5 Nos. iv) Trucks/Tippers 5 Nos v) Vibratory road roller = 2 Nos	
Civil	II	Region of CPWD ADG of Region. [For Delhi: ADG (NR)]	Rs.2 Crore	Three works of Rs. 50 lakh each. At least two works should be building works. Or Two Bldg. Works of Rs 0.75 crore each. At least one work should be building work .or One building work of Rs 1.5 crore. For ‘Roads only’, Three works of Rs. 50 lakh each. At	Banker’s certificate of Rs.200 lakh.	a)One graduate engineer(C) with minimum experience of 5 years b)Two-diploma holders (C) out of which one with at least 5 years experience.	i)Steel shuttering 3000 sqm with minimum of 1000 sqm procured during last two years. ii)) Steel props- 9000 cu.m space with min. of 3000 m3 procured during last two years iii)Concrete mixers of full bag capacity = 2 Nos iv) Mortar Mixer – 2 Nos v) Needle vibrator-6 (3 OIL, 3 ELECTRIC) vi) Beam vibrator – 1 No vii) Slab vibrator = 2 Nos vii) Vibro compactor - 1 No. For ‘Roads only’ i) Wet macadam mix plant = 1 No. ii) Paver finisher –1No. iii) Road rollers -3 Nos., iv) Trucks/Tippers –3Nos. v) Vibratory road roller = 1 No,	Rs. 10,000

				<p>least two works should be road works. Or</p> <p>Two works of Rs 0.75 crore At least one work should be road works .or</p> <p>One road work of Rs 1.5 crore.</p>				
Civil	III	<p>Zone of CPWD</p> <p>Chief Engineer.</p> <p>[For Delhi: CE (NDZ) III]</p>	Rs 60 lakh	<p>Three works of Rs.15 lakh each. At least one work should be building work.</p>	Banker's certificate of Rs.60 lakh.	One graduate engineer(C) with minimum experience of 3 years.	<p>i)Steel shuttering 1000 sqm with minimum of 500 sqm procured during last two years.</p> <p>ii) Steel props- 3000 cu.m space with min. of 1500 m3 procured during last two years.</p> <p>iii)Concrete mixers of full bag capacity 2 nos.</p> <p>iv) Mortar Mixer - 1 No</p> <p>v) Needle vibrator-3 Nos (2 OIL, 1 Electrical)</p> <p>vi) Beam vibrator - 1 No</p> <p>vii) Slab vibrator = 4 Nos</p>	Rs 10,000

Civil	IV	Zone of CPWD CE [for Delhi CE (NDZ) III]	Rs. 25 lakh	Three works of Rs.6 lakh each	Banker's certificate of Rs.25 lakh	One diploma engineer(c) with minimum experience of 3 years	i) Concrete mixer of full bag capacity 1 no. ii) Mortar Mixer - 1 No iii) Needle vibrator-2 Nos. (1 OIL, 1 Electrical) iv) Beam vibrator - 1 No vi) Slab vibrator - 1 No	Rs. 2000
				Or Unemployed graduate engineer(c)	Certificate for working capital of Rs. 2 lakh for at least last six months	Not required		
Civil	V	Circle of CPWD Superintending Engineer For Delhi: SE (DCC) I	Rs. 7 lakh	Two works of Rs. 2 lakh each or one work of Rs.4 lakh.	Banker's certificate of Rs. 7 Lakh	-	-	Rs .1,000
				Or Unemployed diploma engineer(c)	Certificate for working capital of Rs.1 lakh for at least last six months			

Category	Class	Jurisdiction & Enlistment Authority	Tendering limit	Past experience of completed works in last 5 years	Financial soundness	Engineering's Establishment	T&P Machinery	Enlistment processing fee
1	2	3	4	5	6	7	8	9
Internal & External Electrical Installation	I	All over India DG (W)	Rs 2 Crore	Three works of Rs.30 lakh each without fittings or of Rs. 50 Lakh each with fittings. At least one work should be of internal electrification of buildings.	Bankers certificate of Rs.2 crore	One graduate engineer (E/M) with minimum experience of 5 years & One diploma holder (E/M) with minimum experience of 5 years. OR One Diploma holder E/M with minimum experience of 10 years & one Diploma holder with minimum experience of 5 years.	Minimum two sets of following T&P: Steel/ Aluminum ladder 1.5 m to 8 m; Chase cutting machines, Electrical wire drawing equipment, Torque wrench for nut/bolt/screws; Conduit die set; Pipe vice; Bench vice; LT Meggar 1000 volts, Tong Tester, Multimeter; Hydraulically operated & hand operated crimping machines, Earth tester; Portable drilling machine; Overhead conduit puller.	Rs. 20,000
Internal & External Electrical Installation	II	Region of CPWD ADG of Region. [For Delhi: ADG (NR)]	Rs. 60 lakh	Three works of Rs10 lakh each without fitting or of Rs. 15 Lakh each with fittings. At least one work should be of internal electrification of buildings.	Bankers certificate of Rs.60 lakh	Two diploma holders (E/M) with minimum experience of 5 years.	2 Nos. chase cutting machine, 2 Nos. electrical wiredrawing equipment. Steel/ Aluminum ladder 1.5 m to 8m; Conduit die set; Pipe vice; Bench vice; LT Meggar 500 volts Tong Tester, MultiMeter; Hydraulically operated & hand operated crimping machines, Earth tester; Portable drilling machine; Overhead conduit puller.	Rs .10,000

Internal & External Electrical Installation	III	Elect. Zone of CPWD Chief Engineer (EI). [For Delhi: CE (E) DR]	Rs. 20 lakh	Three works of Rs.5 lakh each. At least one works should be of internal electrification of buildings	Bankers certificate of Rs. 20 lakh.	One Diploma Holder (E/M) with three years experience	2 Nos. chase cutting machine 2 Nos. electrical wiredrawing equipment. Conduit die set; Pipe vice; Bench vice; LT Megger 500 volts, Tong Tester, MultiMeter; Hydraulically operated & hand operated crimping machines, Earth tester; Portable drilling machine; Overhead conduit puller,	Rs 5,000
Internal & External Electrical Installation	IV	Elect. Circle of CPWD S.E (Elect). [For Delhi: SE(DCEC)I]	Rs. 6 lakh	Two works of Rs. 1.00 Lakh each. At least one work should be of internal electrification of buildings	Bankers Certificate of Rs. 6 lakh.	-	Chase cutting Machine ,Wire drawing machine Conduit die set, pipe vice bench vice LT meggar 500 volts.	Rs.2,000

1	2	3	4	5	6	7	8	9
HVAC	I	All over India DG(W)	Rs. 5 Crore	Three works of Rs. 125 lakh each. Of central A.C. system comprising of 100 TR or more in each case out of which at least one work should be with centrifugal/screw type air conditioning compressor system.	Bankers certificate of Rs 5 Crore	One graduate engineer (Elect/Mech.) with minimum experience of 5 years in the trade & two diploma holders (Mech) each with minimum 5 years' experience in the trade. In addition the firm should separately have a fully equipped design department with adequate engineers at their headquarters.	Refrigerant Gas leak detector, Anaemometer, Hydraulic & hand operated crimping tools, Pitot tube manometer, Psychrometer, Phase sequence indicator, Magnetic dial indicator, LT Meggar 1000V, Acoustic measurement meter, Hydraulic pressure testing equipment, Gas welding and cutting machine, Portable electric welding machine, Portable drilling machine In addition the firm shall have manufacturing and testing facility for atleast one of the following equipments. 1 A C Compressors. 2 Condensers. 3 Chillers 4 AHUs	Rs. 20,000
HVAC	II	Region of CPWD ADG of Region. [For Delhi: ADG(NR)]	Rs. 150 lakh.	Three works of Rs. 50 lakh each. At least two works should be of Central AC plant of capacity 40 TR or more in each case	Bankers certificate of Rs.1.5 Crore	One graduate engineer(Mech) with minimum experience of 5 year in the trade and one diploma holder (Mech) with minimum 5 years' experience in the trade.	Refrigerant Gas leak detector, Anaemometer, Hydraulic & hand operated crimping tools, Pitot tube manometer, Psychrometer, Phase sequence indicator, Magnetic dial indicator, LT Meggar 1000V, Acoustic measurement meter, Hydraulic pressure testing equipment, Gas welding and cutting machine, Portable electric welding machine, Portable drilling machine	Rs. 10,000

HVAC	III	Elect. Zone of CPWD Chief Engineer (Elect). [For Delhi : CE(E) DR]	Rs.60 lakh.	Three works of Rs. 12 lakh each pertaining to Central AC plants/package type A.C. Plantt	Bankers certificate of Rs.60 lakh	Two diploma holders (Mech) each with minimum experience of 5 years in the trade.	Refrigerant Gas leak detector, Anaemometer, Hydraulic & hand operated crimping tools, Pitot tube manometer, Psychrometer, Phase sequence indicator, Magnetic dial indicator, LT Meggar 1000V, Acoustic measurement meter, Hydraulic pressure testing equipment, Gas welding and cutting machine, Portable electric welding machine, Portable drilling machine	Rs. 10,000
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1	2	3	4	5	6	7	8	9
Diesel Generating Sets (D.G. sets)	I	All over India DG(W)	2 crore	Three works of not less than Rs. 30 lakh each and each work should involve D.G. sets of capacity not less than 380 KVA and should be OEM and OEA of one or more reputed makes of engines and alternators	Bankers certificate of Rs. 2 crore	One Graduate Engineer (E/M) having experience of not less than three years in the trade & a Diploma (E/M) qualified Engineer, with not less than seven years experience in the design, erection testing and commissioning of D.G. sets Firm desiring enlistment in this class should have an Engineering Office capable of preparing estimates and submitting bills regularly for work done provided for in the contract. Their Office should have sufficient estimates and submitting tenders in an intelligent manner and for supervision of works	Phase sequence indicator, Hydraulic and hand operated crimping tools, Magnetic dial indicator, LT Meggar 1000 V, Acoustic measurement meter, Portable electric welding machine, Portable drilling machine, Earth tester, Battery Tester, Multimeter, Tong Tester	Rs. 20,000
Diesel Generating Sets (D.G. sets)	II	Region of CPWD ADG of Region	Rs. 60 lakh	Three works of not less than Rs.15 lakhs each and each work should involve D.G. sets of capacity not less than 250 KVA and should be OEM and OEA of one or more	Bankers certificate of Rs. 60 lakh	One Graduate Engineer (E/M) having experience of not less than two years in the trade, & a Diploma (E//M) qualified Engineer, with not less than five years experience in the erection testing and commissioning of D.G. sets Firm desiring enlistment in this class should have an	Phase sequence indicator, Hydraulic and hand operated crimping tools, Magnetic dial indicator, LT Meggar 1000 V, Acoustic measurement meter, Portable electric welding machine, Portable drilling machine, Earth tester, Battery Tester, Multimeter, Tong Tester	Rs. 10,000

				reputed makes of engines and alternators		Engineering Office capable of preparing estimates and submitting bills regularly for work done provided for in the contract. Their Office should have sufficient estimates and submitting tenders in an intelligent manner and for supervision of works		
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1	2	3	4	5	6	7	8	9
Electrical Sub Stations	I	All over India DG(W)	2 crore	Three works of not less than Rs. 50 lakhs each involving transformer capacity of not less than 1000 KVA in each work out of which one should be dry type transformer and vacuum circuit breaker	Bankers certificate of Rs.2 crore	One Graduate Engineer (E/ M) having an experience of not less than five years in the trade and one Diploma (E/M) qualified Engineer, with not less than five years experience in the design, erection testing and commissioning of Sub-Station.	Phase sequence indicator, Primary and secondary injection equipment, HT 5000V Meggar & LT 1000 V Meggar,Hydraulic and hand operated crimping tool ,Dielectric strength testing equipment, Portable welding machine, Portable drilling machine, Earth tester, Tong Tester	Rs. 20,000
Electrical Sub Stations	II	Region of CPWD ADG of Region	60 lakhs	Three works of not less than Rs. 15 lakh each involving transformer capacity of not less than 500 KVA in each work	Bankers certificate of Rs. 60 lakhs	One Graduate Engineer (E/ M) having an experience of not less than two years in the trade, and a Diploma (E/M) qualified Engineer, with not less than five years experience in the erection, testing and commissioning of Sub-Station.	Phase sequence indicator, Primary and secondary injection equipment, HT 5000V Meggar & LT 1000 V Meggar,Hydraulic and hand operated crimping tool ,Dielectric strength testing equipment, Portable welding machine, Portable drilling machine, Earth tester, Tong Tester	Rs. 10,000
Electrical Sub Stations	III	Zone of CPWD CE of the	Rs. 20 Lakh	Three works of Rs. 5 lakh each involving	Bankers Certificate of Rs.	One Diploma holder (E/M)	Phase sequence indicator, Primary and secondary injection equipment, HT 5000V Meggar &	Rs. 2,000/-

		Zone for Delhi CE(E)DR		transformer capacity of not less than 200 KVA	20 lakh		LT 1000 V Meggar,Hydraulic and hand operated crimping tool ,Dielectric strength testing equipment, Portable welding machine, Portable drilling machine, Earth tester, Tong Tester	
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1	2	3	4	5	6	7	8	9
Lifts/Elevators	I	All over India DG(W)	Rs.2 crore	Three works of not less than Rs. 60 lakhs each. The firms should be original manufacturer on the date of application and should be maintaining at least 100 lifts satisfactorily and should have maintenance centers at least at 10 locations in India.	Bankers certificate of Rs.2 crore	One Graduate Engineer (E /M) having an experience of not less than three years in the trade and a Diploma (E /M) qualified Engineer, with not less than seven years experience in the design, erection testing and commissioning of Lifts/Elevators/Escalators.		Rs. 20,000
Fire Alarm System	I	All over India DG(W)	Rs.1 crore	Three works of not less than Rs. 25 lakhs each of fire Alarm System works out of which one should be of addressable fire Alarm System	Bankers certificate of Rs. 1 crore	One Graduate Engineer (E/ M) having an experience of not less than three years in the trade and one Diploma (E/M) qualified Engineer, with not less than seven years experience in the design, erection testing and commissioning of	Chase cutting machine, Wire drawing equipment, Multi meter, LT 500 V meggar, Battery Tester, Hand operated crimping tool	Rs. 20,000

						Fire Alarm System.		
Fire Alarm System	II	Region of CPWD ADG of Region	Rs. 30 lakhs	Three works of not less than Rs. 10 lakhs each of fire Alarm System works.	Bankers certificate of Rs. 30 lakhs	One Graduate Engineer (E/ M) having an experience of not less than three years in the trade, or a Diploma (E/M) qualified Engineer, with not less than five years experience in the design, erection testing and commissioning of Fire Alarm System.	Chase cutting machine, Wire drawing equipment, Multi meter, LT 500 V meggar, Battery Tester, Hand operated crimping tool	Rs. 10,000
Fire Fighting System (water based wet riser & sprinkler)	I	All over India DG(W)	Rs. 2 crore	Three works of not less than Rs. 50 lakhs each of fire fighting System works	Bankers certificate of Rs. 2 crore	One Graduate Engineer (E/ M) having an experience of not less than three years in the trade and one Diploma (E/M) qualified Engineer, with not less than five years experience in the design, erection testing and commissioning of Fire fighting	LT 1000 V meggar, Gas cutting and welding machine, Hydraulic pressure testing equipment, Magnetic dial indicator, Hand operated crimping tool, Multi meter], Battery Tester, Portable electric welding machine	Rs. 20,000

						System		
Fire Fighting System (water based wet riser & sprinkler)	II	Region of CPWD ADG of Region	Rs. 60 lakhs	Three works of not less than Rs. 15 lakhs each of fire fighting system works	Bankers certificate of Rs.60 lakhs	One Graduate Engineer (E/ M) having an experience of not less than two years in the trade, or a Diploma (E/ M) qualified Engineer, with not less than five years experience in the design, erection testing and commissioning of Fire fighting System	LT 1000 V meggar, Gas cutting and welding machine, Hydraulic pressure testing equipment, Magnetic dial indicator, Hand operated crimping tool, Multi meter], Battery Tester, Portable electric welding machine	Rs. 10,000

Category	Classes	Jurisdiction & Enlistment Authority	Tendering limit	Past experience of completed works in last 5 years	Financial soundness	Engineering Establishment	T&P Machinery	Enlistment fee
Furniture	I	All over India DG (W)	Rs.1 crore	Three works of Rs.20 lakh each.	Banker certificate of Rs.1 crore	Designers capable of producing well thought out schemes for furnishing large buildings.	Properly fitted workshop, paints, polish & other finishing equipment.	Rs .20,000
Furniture	II	Region of CPWD ADG of Region. [For Delhi: ADG (NR)]	Rs.25 lakh	Three works of Rs.6 lakh each.	Bankers certificate of Rs.25 lakh	-	Properly fitted workshop, paints, polish & other finishing equipment.	Rs.10,000
Furniture	III	Zone of CPWD Chief Engineer. [For Delhi : CE(NDZ)III]	Rs.10 lakh.	Three works of Rs.2 lakh each.	Banker certificate of Rs.10 lakh	-	Properly fitted workshop, paints, polish & other finishing equipment	Rs.10,000
Furniture	IV	Circle of CPWD Superintending Engineer. [For Delhi: SE (DCC)I]	Rs. 3.0 lakh.	Two works of Rs. 50,000 each or one work of Rs. 1 lakh	Banker Certificate of Rs. 3.0 lakh .	-	-	Rs.2,000

1	2	3	4	5	6	7	8	9
Horticulture	I	All Over India DG(W)	Rs. 50 lakh	Three works (excluding maintenance works) of Horticultural activity each costing Rs10 lakh or more excluding cost of civil and electrical works	Bankers certificate of Rs.50 lakh	One M.Sc in any Agriculture subjects & One B.Sc (Agriculture) graduate employee with minimum five years experience	Matador Tractor with triller & trolley Power Lawn movers - 3 Wheel Barrows (Rubber tyred) - 6 Rubber nose pipes – 200 m Power Sprayers – 1 and all implements for day to day working and carriage	Rs 5,000
Horticulture	II	Region of CPWD ADG of Region for Delhi ADG (NR)	Rs 15 lakh	Three works (excluding maintenance works) of Horticultural activity each costing Rs. 5 lakh or more excluding cost of civil & electrical works	Bankers certificate of Rs.15 lakh.	One B.Sc. (Agriculture) with minimum 5 years experience.	Matador – 1 No. Wheel Barrows (Rubber Tyred) – 3 Nos. <i>Power Lawn Movers – 2 Nos</i> Power sprayer Rubber Hose Pipe- 200 m All implements for day to day working and carriage.	Rs. 3000
Horticulture	III	Zone of CPWD Chief Engineer For Delhi CE (NDZ)III	Rs. 7 lakhs	Three works (excluding maintenance works) of Horticultural activity each costing Rs. 2 lakh or more excluding cost of civil & electrical works	Bankers certificate of Rs. 7 lakh	Qualified or experienced employee with experience not less than 10 year in Horticulture activity. ----	All implements for day to day working and carriage. No T&P shall be issued by the deptt.	Rs.1,000
Nursery		Delhi ADG (NR)	Rs. 10 lakh	Three works of Nursery activities each costing Rs. 2 lakh or more	Bankers Certificate of Rs.10 lakh. At least two	One B.Sc. Agriculture with 5 years experience	Green House, Poly House, Water Source like Tube Well, Irrigation system and all implements for day to day working	Rs. 2,000/-

					acres of land under plantation of Nursery			
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