

**A.P. STATE HOUSING CORPORATION LTD.,
S.P River View Apartments, Tadepalli-Amaravathi-522501.**

**File.No.4650/APSHCL/E&P/EOI for Precast RCC Components/ Joinery
items/Roofing Materials/2020**
NOTICE INVITING EXPRESSION OF INTEREST

Expression of Interest is invited from **Manufacturing companies/ Units** of Joinery items viz., **Mild Steel Door and Window Frames, Cement Bonded Particle Board door shutters, UPVC windows, Flush door shutters, Glazed Window shutters with Aluminum outer frame, Glazed Window shutters with Country woodouter frame and PVC Toilet Door** for empanelment with A.P. State Housing Corporation Limited (APSHCL) for supply of Materials to any Mandal Head Quarters in the state of Andhra Pradesh. Detailed application can be downloaded from our web site www.apgovhousing.apcfss.in from **Dt.05.05.2020**. The applications shall reach this office before **Dt.21.05.2020**.

EOI DETAILS:

Government of Andhra Pradesh have decided to construct 25.00 lakh houses in the State to Economically weaker sections and decided to construct 15.00 lakh houses during this Financial Year 2020-2021. It is also decided to procure and supply various Building Materials including **Joinery items-Mild Steel Door and Window Frames, Cement Bonded Particle Board door shutters, UPVC windows, Flush door shutters, Glazed Window shutters with Aluminum outer frame, Glazed Window shutters with Country woodouter frame, PVC Toilet Door** by the Government at affordable cost uniformly to all beneficiaries in the State. As part of that, it is now proposed to empanel the **manufacturing companies/ Units** for supply of **Joinery items** viz., A)**Mild Steel Door and Window Frames** B)**Cement Bonded Particle Board door shutters** C)**UPVC windows** D)**Flush door shutters** E)**Glazed Window shutters with Aluminum outer frame** F)**Glazed Window shutters with Country Wood outer frame** G)**PVC Toilet Door** to A.P.State Housing Corporation Ltd. to any Mandal Head Quarters in the state of Andhra Pradesh.

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Tentative requirement of Joinery items-Mild Steel Door and Window Frames,Cement Bonded Particle Board door shutters, UPVC windows, Flush door shutters, Glazed Window shutters with aluminum outer frame, Glazed Window shutters with Country Wood outer frameand PVC Toilet Door for 15.00 lakh houses is as follows.

Table-I

Sl. No.	Description	Qty. /each house	Unit	Total Qty. requirement (in Lakh units)
A	Mild Steel Door and Window Frames			
1	Mild Steel Hallow single rebate (35x15mm - suitable for fixing of shutter) general purpose door frames of size1050x1950mm (3'6"x6'6") and inner dimensions of 900x1800mm (3'0"x6'0") manufactured using cold roll formed process steel sheet of 1.25 mm thick bright Cold Rolled Close Annealed (CRCA) and profile-B of size 105 x 60 mm conforming to IS 4351 -2003 including pretreatment, phosphating with Butt Hinges, Base Ties, Holdfast Lugs, Mortar Guards, shock absorbers and provision for Tower Bolts, Aldrops, Lock & Strike plates etc. with single coat of Red Oxide. for both single and double shutter doors.	2	No	30.00
2	Mild Steel Hallow single rebate (35x15mm - suitable for fixing of shutter) general purpose window frames (2 vent) with out-to-out dimensions of 900x1200mm (3'0"x4'0") with outer frame and a mullion member at center manufactured using cold roll formed process steel sheet of 1.25 mm thick bright Cold Rolled Close Annealed (CRCA) and profile-A of size 90 x 60 mm conforming to IS 4351 -2003 including pretreatment, phosphating with Butt Hinges, Base Ties, Holdfast Lugs, Mortar Guards, shock	3	No	45.00

Sl. No.	Description	Qty. /each house	Unit	Total Qty. requirement (in Lakh units)
	absorbers and provision for Tower Bolts, Aldrops, Lock & Strike plates etc. with single coat of Red Oxide. Steel grills of attractive design with minimum of 8mm square MS bars having min. weight of 3.8 kgs in each vent embedding the bars at least 25mm (1") in to the frame.			
3	Mild Steel Hallow single rebate (35x15mm - suitable for fixing of shutter) general purpose window frames (2 vent) with out-to-out dimensions of 900x600mm (3'0"x2'0") with outer frame and a mullion member at center manufactured using cold roll formed process steel sheet of 1.25 mm thick bright Cold Rolled Close Annealed (CRCA) and profile-A of size 90 x 60 mm conforming to IS 4351 -2003 including pretreatment, phosphating with Butt Hinges, Base Ties, Holdfast Lugs, Mortar Guards, shock absorbers and provision for Tower Bolts, Aldrops, Lock & Strike plates etc. with single coat of Red Oxide. Steel grills of attractive design with minimum of 8mm square MS bars having min. weight of 1.8 kgs in each vent embedding the bars at least 25mm (1") in to the frame.	1	No	15.00
B	Cement Bonded Particle Board door shutters			
1	a) 16mm thick Cement Bonded Particle Board door shutter (single leaf) of size 925x1825mm using Cement Bonded Particle Board (confirming to IS 14276:1995) of 16mm thick, edges lipped with aluminum U-lipping of 18x10x10 mm for edge protection.Necessary and suitable standard filler material shall be provided to adjust the	2	No	30.00

Sl. No.	Description	Qty. /each house	Unit	Total Qty. requirement (in Lakh units)
	<p>thickness of the shutter according to that provided on door frame.</p> <p>b) Fixtures of 1.MS-Powder Coated Flat Latches: 300 mm long (3 nos) 2.MS-Powder Coated Aldrop (IS: 2681) 300 mm long (2Nos) 3. MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 200 mm Long (2Nos) 4.MS-Powder Coated Door Handles (IS:208) 125 mm Long (2Nos) complete supply.</p>			
C	UPVC Windows			
1	<p>UPVC window for window opening of size 900mm X 1200mm (3'0"x4'0")with Unplasticised Poly Vinyl Chloride (UPVC) sliding doors three track - only two glass shutters sliding - 95 -Series duly manufactured using UPVC reinforced profiles of 95.50 mm x 60mm x 2.25 mm for outer frames, 66 mm x 42 mm x 2.25 mm for sliding door shutter frames capable of mounting single glazing system, structurally reinforced with hot dip galvanized up to 50microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with EPDM weathering seal resistant accessories like clipping locking system made of aluminum 1 No., per set of sashes and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work.</p>	3	No	45.00

Sl. No.	Description	Qty. /each house	Unit	Total Qty. requirement (in Lakh units)
2	UPVC window for window opening of size 900mm X 600mm (3'0"x2'0") with Unplasticised Poly Vinyl Chloride (UPVC) sliding doors three track - only two glass shutters sliding - 95 -Series duly manufactured using UPVC reinforced profiles of 95.50 mm x 60mm x 2.25 mm for outer frames, 66 mm x 42 mm x 2.25 mm for sliding door shutter frames capable of mounting single glazing system, structurally reinforced with hot dip galvanized up to 50microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with EPDM weathering seal resistant accessories like clipping locking system made of aluminum 1 No., per set of sashes and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/ deglazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work.	1	No	15.00
D	Flush door shutters			
1	a) 35mm thick BRAND FACTORY MADE MOULDED DOOR SHUTTER of size 930x1830mm consisting of solid core single leaf flush door of 30mm thickness, lipped with 15mm(5mmX3) thick X 30mm width on one stiles and top rails and 10mm (5mmX2) thick X 30mm width on the other stiles and bottom rails. The inner panel laminated with 2mm thick termite proof, water proof and fire	2	Nos	30.00

Sl. No.	Description	Qty. /each house	Unit	Total Qty. requirement (in Lakh units)
	<p>resistant moulded Pac sheet with 2, 4, 6 raised panel design in different panel and / or prelam colours on one side after routing the moulded design on flush door and 2mm prelam Pac sheet on other side using rubber adhesive on flush door and solvent cement adhesive on Pac lipping etc. Conforming to IS: 2202.</p> <p>b) Fixtures of 1.MS-Powder Coated Butt hinges (IS:205)- 125 mm Long (3 nos) 2.MS-Powder Coated Aldrop (IS:2681) 300 mm long (2Nos) 3. MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 200 mm Long (2Nos) 4.MS-Powder Coated Door Handles (IS:208) 125 mm Long (2No) complete supply.</p>			
E	Glazed Window shutters with aluminum outer frame			
1	<p>Powder coated aluminum fully glazed window openable shutter of size 370x1090mm (1'2.75"x3'7.5")using anodized aluminum 38.5mm x 33mm, 3mm thick for shutter frame, powder coating of aluminum sections 25 microns thick and fixing 4mm pin headed glass fitted with suitable aluminum glazing clips and rubber beading with all required accessories such as 1.MS-Powder Coated Butt hinges (IS:205)- 75 mm Long (3 nos) 2.MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 100 mm Long (2Nos) complete supply (The aluminum sections used shall be standard make confirming to IS 1948-1961 and as approved by the Engineer and fixtures shall be of ISI marked)</p>	6	Nos	90.00
2	Powder coated aluminum fully glazed	2	Nos	30.00

Sl. No.	Description	Qty. /each house	Unit	Total Qty. requirement (in Lakh units)
	<p>window openable shutter of size 370x490mm (1'2.75"x1'7.5") using anodized aluminum 38.5mm x 33mm, 3mm thick for shutter frame, powder coating of aluminum sections 25 microns thick and fixing 4mm pin headed glass fitted with suitable aluminum glazing clips and rubber beading with all required accessories such as 1.MS-Powder Coated Butt hinges (IS:205)- 75 mm Long (3 nos) 2.MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 100 mm Long (2Nos) complete supply (The aluminum sections used shall be standard make confirming to IS 1948-1961 and fixtures shall be of ISI marked).</p>			
F	Glazed Window shutters with Country Wood outer frame			
1	<p>Openable Glazed Window shutter of size 370x1090mm (1'2.75"x3'7.5") with outer frame of Country wood with bottom, sides and top section of 50mm x 25mm fixing 4mm pin headed glass with Country Wood beeding with all required accessories such as 1.MS-Powder Coated Butt hinges (IS:205)- 75 mm Long (3 nos) 2.MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 100 mm Long (2Nos) complete supply.</p>	6	Nos	90.00
2	<p>Openable Glazed Window shutter of size 370x490mm (1'2.75"x1'7.5") with outer frame of Country wood with bottom, sides and top section of 50mm x 25mm fixing 4mm pin headed glass with Country Wood beeding with all required accessories such as 1.MS-Powder Coated Butt hinges (IS:205) - 75 mm Long (3 nos) 2.MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 100 mm</p>	2	Nos	30.00

Sl. No.	Description	Qty. /each house	Unit	Total Qty. requirement (in Lakh units)
	Long (2Nos) complete supply.			
G	PVC Toilet Door of Size 750x1800mm			
1	<p>PVC door frame and shutter of Size 750x1800mm, with shutter frame and infill panel made from PVC material conforming to IS: 10151-1982, the shutter frame made out of PVC extruded sections having overall dimension of 47 mm x 33 mm with wall thickness of 1.2mm + 0.3mm with usual process variation, the shutter frame with tapered shape to provide better grip to the infill panel end to drain out the water. The Infill panel is made out of PVC Sections having Overall Dimensions of 200mm x 20 mm with wall thickness of 1mm + 0.2mm, the shutter frames mitre cut and joined at the corner, by providing Polymeric “ L” type corners to take hardware & fixtures fixed with 10-20mm counter sunk fully threaded parallel shank steel screws, all the hardware locations reinforced with special polymeric bars as per drawings, stickers showing locations of different hardware pasted on the shutter, the infill panels joined by tongue and groove method.</p> <p>1.b) Fixtures of 1.MS-Powder Coated Butt hinges (IS:205)- 100 mm Long (3 nos) 2.MS-Powder Coated Aldrop (IS:2681) 200 mm long (2No) 3. MS-Powder Coated Tower Bolt-10 mm Bolt (IS: 204) 150 mm Long (1Nos) 4.MS-Powder Coated Door Handles (IS:208) 125 mm Long (2Nos) complete supply.</p>	1	Nos	15.00

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- 1) Interested Manufacturing companies/Units of **Joinery items** viz., Mild Steel Door and Window Frames, Cement Bonded Particle Board door shutters, UPVC windows, Flush door shutters, Glazed Window shutters with aluminum outer frame, Glazed Window shutters with Country Wood outer frame and PVC Toilet Door shall submit their applications for empanelment with APSHCL in the enclosed proforma for supply of the following materials as per relevant IS Standard Specifications to any Mandal Head Quarters in the state of Andhra Pradesh as per enclosed District wise requirement.
- A) Mild Steel Door and Window Frames (Specifications as mentioned in Table-I)
1. Mild Steel Door Frame of size (1050x1950mm)
 2. Mild Steel Window Frame of size (900x1200mm)
- B) Cement Bonded Particle Board door shutters (Specifications as mentioned in Table-I)
1. Cement Bonded Particle Board door shutters (16mm Thick)
- C) UPVC windows (Specifications as mentioned in Table-I)
1. UPVC window frame and sliding glazed shutters of size (900mm X 1200mm)
 2. UPVC window frame and sliding glazed shutters of size (900mm X 600mm)
- D) Flush door shutters (Specifications as mentioned in Table-I)
1. Flush door shutters (35mm Thick)
- E) Glazed Window shutters with aluminum outer frame (Specifications as mentioned in Table-I)
1. Glazed Window shutters with Powder coated aluminum frame. (Suitable for 900x1200mm RCC Window frame (2 shutters each)).
 2. Glazed Window shutters with Powder coated aluminum frame. (Suitable for 900x600mm RCC Window frame (2 shutters each)).
- F) Glazed Window shutters with Country Wood outer frame. (Specifications as mentioned in Table-I)
1. Glazed Window shutter with Country Wood outer frame (Suitable for 900x1200mm RCC Window frame (2 shutters each)).
 2. Glazed Window shutter with Country Wood outer frame (Suitable for 900x600mm RCC Window frame (2 shutters each)).
- G) PVC Toilet Door (Specifications as mentioned in Table-I)
1. PVC Toilet Door (including frame) of size 750 x 1800mm

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- 2) After submitting the applications by interested **Manufacturing companies/Units of Joinery items** viz., Mild Steel Door and Window Frames, Cement Bonded Particle Board door shutters, UPVC windows, Flush door shutters, Glazed Window shutters with aluminum outer frame, Glazed Window shutters with Country Wood outer frame and PVC Toilet Door the APSHCL will examine the applications, information and documents furnished by the Companies and once the COVID-19 situation comes under control, APSHCL will ensure the eligibility criteria of **Manufacturing companies/Units** and Empanelment will be made.
- 3) A separate Material Procurement Module/Portal will be developed by the AP State Housing Corporation Ltd., with the help of its service provider APCFSS and integrated with APSHCL website “apgovhousing.apcfss.in” for procurement of all materials including **Manufacturing companies/Units of Joinery items** viz., Mild Steel Door and Window Frames, Cement Bonded Particle Board door shutters, UPVC windows, Flush door shutters, Glazed Window shutters with aluminum outer frame, Glazed Window shutters with Country Wood outer frame and PVC Toilet Door on the lines of portal developed by Industries Department for Supply of Cement to all Government works at reduced rates.
- 4) All **Joinery items** Manufacturing companies/Units interested and agree to supply A)Mild Steel Door and Window Frames B)Cement Bonded Particle Board door shutters C)UPVC windows D)Flush door shutters E)Glazed Window shutters with aluminum outer frame F)Glazed Window shutters with Country Wood outer frame G)PVC Toilet Door will be registered in the APSHCL portal.
- 5) After empanelment of the Manufacturing **Companies/Units** by the Head Office of APSHCL, rates will be finalized by the Government based on Quotes received from the Empaneled **Manufacturing Companies/Units**. The rate shall be quoted inclusive of cost of A)Mild Steel Door and Window Frames B)Cement Bonded Particle Board door shutters C)UPVC windows D)Flush door shutters E)Glazed Window shutters with aluminum outer frame F)Glazed Window shutters with Country Wood outer frame G)PVC Toilet Door, **including cost of all materials/labour**, Transportation, Loading, Unloading and all Taxes etc.
- 6) Purchase orders will be placed through District units of APSHCL by the District Collectors/Executive Directors of APSHCL.

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- 7) District units of APSHCL will place purchase orders on the respective Manufacturing companies/ Units for the required material giving quantity & destination wise details and other terms and conditions. The Paint colour will be decided before placing purchase order.
- 8) The Joinery items viz., A)Mild Steel Door and Window Frames B)Cement Bonded Particle Board door shutters C)UPVC windows D)Flush door shutters E)Glazed Window shutters with aluminum outer frame F)Glazed Window shutters with Country Wood outer frame G)PVC Toilet Door have to be supplied as per the purchase orders, by the Companies /Units to the godown points of APSHCL including cost of material/product, all taxes and statutory levies, transportation, loading, unloading and stacking at the go down points. The go down point may be at Mandal Head Quarter/ Project site as the case may be.
- 9) The quality of Joinery materials viz.A)Mild Steel Door and Window Frames B)Cement Bonded Particle Board door shutters C)UPVC windows D)Flush door shutters E)Glazed Window shutters with aluminum outer frame F)Glazed Window shutters with Country Wood outer frame G)PVC Toilet Door as per the purchase ordersupplied shall confirm to IS standard specifications with latest amendments.
- A.Mild Steel Door and Window Frames shall satisfy the requirements/properties as per IS 4351 -2003.
- B.Cement Bonded Particle Board door shutters shall satisfy the requirements/properties as per IS 14276:1995.
- C. UPVC windows shall conform as per BIS standards.
- D.Flush door shutters shall satisfy the requirements/properties as per IS:2202:1991.
- E. Glazed Window shutters with aluminum outer frame shall satisfy the requirements/properties as per IS 1948-1961.
- F. Glazed Window shutters with Country Wood outer frame shall confirm as per BIS standards.
- G.PVC Toilet Door shall satisfy the requirements/properties as per IS: 10151-1982.
- 10) Sampling for tests will be done for sampling of the components &figures as per the procedure laid down in IS codes mentioned above.

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- 11) The Manufacturing companies/ Units shall emboss manufacturing companies/ Units emblem with ISI Mark on all items Viz., A)Mild Steel Door and Window Frames B)Cement Bonded Particle Board door shutters C)UPVC windows D)Flush door shutters E)Glazed Window shutters with aluminum outer frame F)Glazed Window shutters with Country Woodouter frame G)PVC Toilet Door etc.,.The test certificate shall also bear the standard mark.
- 12) The Manufacturing companies/Units shall furnish the test certificates for every consignment/purchase order, for tests on A)Mild Steel Door and Window Frames B)Cement Bonded Particle Board door shutters C)UPVC windows D)Flush door shutters E)Glazed Window shutters with aluminum outer frame F)Glazed Window shutters with Country Woodouter frame G)PVC Toilet Door in accordance with Indian standards specifications.
- 13) The quantity of Joinery material viz., A)Mild Steel Door and Window Frames B)Cement Bonded Particle Board door shutters C)UPVC windows D)Flush door shutters E)Glazed Window shutters with aluminum outer frame F)Glazed Window shutters with Country Woodouter frame G)PVC Toilet Doorsupplied shall be verified by the APSHCL staff. The item of quantity recorded at Mandal godown is the final for the purpose of payment.
- 14) Payment to the supplied quantity of Joinery material viz., A)Mild Steel Door and Window Frames B)Cement Bonded Particle Board door shutters C)UPVC windows D)Flush door shutters E)Glazed Window shutters with aluminum outer frame F)Glazed Window shutters with Country Woodouter frame G)PVC Toilet Door by the manufacturers will be made by the District units of APSHCL after confirmation of the quality by EE (Housing) concerned of APSHCL.All the Manufacturing companies shall be at his own cost to get necessary tests carried out, on material/work from approved laboratories as per the directions of EE(V&QC) (If required).
- 15) No advance payment will be made to the any of the Manufacturing companies/units.

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- 16) Applications shall be addressed to the Managing Director, A.P. STATE HOUSING CORPORATION LTD., S.P River View Apartments, Tadepalli, Amaravathi-522501, along with details shall reach this office in a sealed cover separately in the above address on or before **3.00 pm of 21.05.2020**. On the top of the cover it shall be mentioned clearly as “Expression of Interest for empanelment with A.P. State Housing Corporation Limited (APSHCL) for supply of Joinery items viz., A) **Mild Steel Door and Window Frames** B) **Cement Bonded Particle Board door shutters** C) **UPVC windows** D) **Flush door shutters** E) **Glazed Window shutters with aluminum outer frame** F) **Glazed Window shutters with Country Woodouter frame** G) **PVC Toilet Door** separately.
- 17) The APSHCL Reserves right to delete/add any **Manufacturing companies/Units of Joinery items** viz., **Mild Steel Door and Window Frames, Cement Bonded Particle Board door shutters, UPVC windows, Flush door shutters, Glazed Window shutters with aluminum outer frame, Glazed Window shutters with Country Woodouter frame and PVC Toilet Door** from/to Empanelment if found ineligible/ eligible at later date.

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APPLICATION FOR EMPANELMENT OF manufacturing companies/Units of Joinery items viz., Mild Steel Door and Window Frames, Cement Bonded Particle Board door shutters, UPVC windows, Flush door shutters, Glazed Window shutters with aluminum outer frame, Glazed Window shutters with Country Wood outer frame and PVC Toilet Door WITH A.P. STATE HOUSING CORPORATION LIMITED.

Sl.No.	Description	Details
1	Name of the Manufacturing Company/ Unit A. Mild Steel Door and Window Frames B. Cement Bonded Particle Board door shutters C. UPVC windows D. Flush door shutters E. Glazed Window shutters with Aluminum outer frame F. Glazed Window shutters with Country Wood outer frame G. PVC Toilet Door	
2	Name of the Subsidiary Unit /Units if any A. Mild Steel Door and Window Frames B. Cement Bonded Particle Board door shutters C. UPVC windows D. Flush door shutters E. Glazed Window shutters with aluminum outer frame F. Glazed Window shutters with Country Wood outer frame G. PVC Toilet Door	
3	Plant Location of Manufacturing Company/ Stock Points. A. Mild Steel Door and Window Frames B. Cement Bonded Particle Board door shutters C. UPVC windows D. Flush door shutters E. Glazed Window shutters with aluminum outer frame F. Glazed Window shutters with Country Wood outer frame G. PVC Toilet Door	

Sl.No.	Description	Details
4	<p style="text-align: center;">Signature of the Authorized Signatory of Manufacturing Company with seal</p> <p>Plant Locations of Subsidiary Unit/Units if any</p> <ul style="list-style-type: none"> A. Mild Steel Door and Window Frames B. Cement Bonded Particle Board door shutters C. UPVC windows D. Flush door shutters E. Glazed Window shutters with aluminum outer frame F. Glazed Window shutters with Country Wood outer frame G. PVC Toilet Door 	
5	<p>Raw Material used in manufacturing process</p> <ul style="list-style-type: none"> A. Mild Steel Door and Window Frames B. Cement Bonded Particle Board door shutters C. UPVC windows D. Flush door shutters E. Glazed Window shutters with aluminum outer frame F. Glazed Window shutters with Country Woodouter frame G. PVC Toilet Door 	
6	<p>Annual Production capacity of materials mentioned for supply (enclose copy of the certification of capacity issued by the Competent Authority)</p> <ul style="list-style-type: none"> A. Mild Steel Door and Window Frames B. Cement Bonded Particle Board door shutters C. UPVC windows D. Flush door shutters E. Glazed Window shutters with aluminum outer frame F. Glazed Window shutters with Country Wood outer frame G. PVC Toilet Door 	

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Sl.No.	Description	Details
7.	<p>Annual turnover of the company for the last two financial years ending with 31.03.2020 and 31.03.2019.</p> <p>A. Mild Steel Door and Window Frames B. Cement Bonded Particle Board door shutters C. UPVC windows D. Flush door shutters E. Glazed Window shutters with aluminum outer frame F. Glazed Window shutters with Country Wood outer frame G. PVC Toilet Door</p>	
8	Availability of laboratories for testing elements in materials and finished products	
9	<p>A. Availability of lab for testing all properties of Mild Steel Door and Window Frames laid down in IS 4351 -2003. B. Availability of lab for testing all properties of Cement Bonded Particle Board door shutters laid down in IS 14276:1995. C. Availability of lab for testing all properties of UPVC windows as per BIS standards. D. Availability of lab for testing all properties of Flush door shutters laid down in IS:2202. E. Availability of lab for testing all properties of Glazed Window shutters with aluminum outer frame laid down in IS 1948-1961. F. Availability of lab for testing all properties of Glazed Window shutters with Country Wood outer frame as per BIS standards. G. Availability of lab for testing all properties of PVC Toilet Door laid down in IS: 10151-1982.</p>	
10	Copy of Bureau of Indian Standards (BIS) issued certificates (enclose copies of the relevant certificates issued by BIS)	
11	Manufacturing license number issued by BIS for individual Joinery Units manufacture (Enclose the copy of the license)	

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Sl.No.	Description	Details
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12	Validity of BIS certification for Joinery Components manufacturers (Enclose the copy of certificate)	
13	Corporate Identity Number issued by Registrar of Companies (Enclose the copy of the letter issued by Registrar of Companies)	
14	Enclose the copies of latest test reports	
15	Company Head Office/ Registered office Address	
16	E-Mail Address	
17	Contact Person names with Phone numbers	

Date:

Place:

Signature of the Authorized Signatory
of Manufacturing Company with seal
Name and Designation of the Authorized Signatory

List of enclosures:

- 1)
- 2)
- 3)

All the respective **manufacturing Companies/ Units** are requested to furnish their company profiles, Turn over details for the last two financial years ie. 2018-19 and 2019-20, Certificate of Registration (RoC), GST Registration, BIS certificates etc and their quote for supply of **Joinery items viz., Mild Steel Door and Window Frames, Cement Bonded Particle Board door shutters, UPVC windows, Flush door shutters, Glazed Window shutters with aluminum outer frame, Glazed Window shutters with Country Woodouter frame and PVC Toilet Door.**

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of Manufacturing Company with seal
Name and Designation of the Authorized Signatory

Schedule-1

Name of the Manufacturing Unit:

Item Rate quoted is inclusive of Cost of all Joinery items- Mild Steel Door and Window Frames, Cement Bonded Particle Board door shutters, UPVC windows, Flush door shutters, Glazed Window shutters with aluminum outer frame, Glazed Window shutters with Country Wood outer frame, PVC Toilet Door including all taxes, transportation, loading and unloading charges.

District wise requirement of Joinery items for 15.00 Lakh houses																	
Sl. No.	Description	Qty. /each house	Unit	Total Quantity required in Lakh units	Srikakulam	Vizianagaram	Visakhapatnam	East Godavari	West Godavari	Krishna	Guntur	Prakasam	SPSR Nellore	Chittoor	YSR Kadapa	Ananthapuramu	Kurnool
A	Mild Steel Door and Window Frames																
1	Mild Steel Hallow single rebate (35x15mm - suitable for fixing of shutter) general purpose door frames of size 1050x1950mm (3'6"x6'6") and inner dimensions of 900x1800mm (3'0"x6'0") manufactured using cold roll formed process steel sheet of 1.25 mm thick bright Cold Rolled Close Annealed (CRCA) and profile-B of size 105 x 60 mm conforming to IS 4351-2003 including pretreatment, phosphating with Butt Hinges, Base Ties, Holdfast Lugs, Mortar Guards, shock absorbers	2	No	30.00													

	and provision for Tower Bolts, Aldrops, Lock & Strike plates etc. with single coat of Red Oxide. for both single and double shutter doors.																	
2	Mild Steel Hallow single rebate (35x15mm - suitable for fixing of shutter) general purpose window frames (2 vent) with out-to-out dimensions of 900x1200mm (3'0"x4'0") with outer frame and a mullion member at center manufactured using cold roll formed process steel sheet of 1.25 mm thick bright Cold Rolled Close Annealed (CRCA) and profile-A of size 90 x 60 mm conforming to IS 4351 -2003 including pretreatment, phosphating with Butt Hinges, Base Ties, Holdfast Lugs, Mortar Guards, shock absorbers and provision for Tower Bolts, Aldrops, Lock & Strike plates etc. with single coat of Red Oxide. Steel grills of attractive design with minimum of 8mm square MS bars having min. weight of 3.8 kgs in each vent embedding the bars at least 25mm (1") in to the frame.	3	No	45.00														
3	Mild Steel Hallow single rebate (35x15mm - suitable for fixing of shutter) general purpose	1	No	15.00														

	<p>window frames (2 vent) with out-to-out dimensions of 900x600mm (3'0"x2'0") with outer frame and a mullion member at center manufactured using cold roll formed process steel sheet of 1.25 mm thick bright Cold Rolled Close Annealed (CRCA) and profile-A of size 90 x 60 mm conforming to IS 4351-2003 including pretreatment, phosphating with Butt Hinges, Base Ties, Holdfast Lugs, Mortar Guards, shock absorbers and provision for Tower Bolts, Aldrops, Lock & Strike plates etc. with single coat of Red Oxide. Steel grills of attractive design with minimum of 8mm square MS bars having min. weight of 1.8 kgs in each vent embedding the bars at least 25mm (1") in to the frame.</p>																	
B	Cement Bonded Particle Board door shutters																	
1	<p>a) 16mm thick Cement Bonded Particle Board door shutter (single leaf) of size 925x1825mm using Cement Bonded Particle Board (confirming to IS 14276:1995) of 16mm thick, edges lipped with aluminum U-lipping of 18x10x10 mm for edge protection. Necessary and suitable standard filling material shall be provided</p>	1	No	15.00														

	<p>to adjust the thickness of the shutter according to that provided on door frame.</p> <p>b) Fixtures of 1.MS-Powder Coated Flat Latches: 300 mm long (3 nos) 2.MS-Powder Coated Aldrop (IS:2681) 300 mm long (2Nos) 3. MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 200 mm Long (2Nos) 4.MS-Powder Coated Door Handles (IS:208) 125 mm Long (1No) complete supply.</p>																	
C	UPVC Windows																	
1	<p>UPVC window for window opening of size 900mm X 1200mm (3'0"x4'0") with Unplasticised Poly Vinyl Chloride (UPVC) sliding doors three track - only two glass shutters sliding - 95 - Series duly manufactured using UPVC reinforced profiles of 95.50 mm x 60mm x 2.25 mm for outer frames, 66 mm x 42 mm x 2.25 mm for sliding door shutter frames capable of mounting single glazing system, structurally reinforced with hot dip galvanized up to 50microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with EPDM weathering</p>	3	No	45.00														

	<p>seal resistant accessories like clipping locking system made of aluminum 1 No., per set of sashes and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/degazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work.</p>																	
2	<p>UPVC window for window opening of size 900mm X 600mm (3'0"x2'0") with Unplasticised Poly Vinyl Chloride (UPVC) sliding doors three track - only two glass shutters sliding - 95 - Series duly manufactured using UPVC reinforced profiles of 95.50 mm x 60mm x 2.25 mm for outer frames, 66 mm x 42 mm x 2.25 mm for sliding door shutter frames capable of mounting single glazing system, structurally reinforced with hot dip galvanized up to 50microns of minimum thickness of 1.2 mm prefabricated & welded through fusion welding the window sash shall be fitted with 5 mm thick clear float glass of reputed make duly fixed with EPDM weathering seal resistant accessories</p>	1	No	15.00														

	like clipping locking system made of aluminum 1 No., per set of sashes and the system is to be installed at the site using anchor fasteners, silicon rubber sealant, easy glazing/degazing at site etc., including cost and conveyance of all materials, accessories, labour charges for transportation, erection at site with templates for casement sizing complete for finished item of work.																		
D	Flush door shutters																		
1	a) 35mm thick BRAND FACTORY MADE MOULDED DOOR SHUTTER of size 930x1830mm consisting of solid core single leaf flush door of 30mm thickness, lipped with 15mm(5mmX3) thick X 30mm width on one stiles and top rails and 10mm (5mmX2) thick X 30mm width on the other stiles and bottom rails. The inner panel laminated with 2mm thick termite proof, water proof and fire resistant moulded Pac sheet with 2,4,6 raised panel design in different panel and / or prelam colours on one side after routing the moulded design on flush door and 2mm prelam Pac sheet on other side using rubber adhesive on flush door and	1	No	15.00															

	solvent cement adhesive on Pac lipping etc. Conforming to IS:2202. b) Fixures of 1.MS-Powder Coated Butt hinges (IS:205)- 125 mm Long (3 nos) 2.MS-Powder Coated Aldrop (IS:2681) 300 mm long (2Nos) 3. MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 200 mm Long (2Nos) 4.MS-Powder Coated Door Handles (IS:208) 125 mm Long (1No) complete supply.																		
E	Glazed Window shutters with aluminum outer frame																		
1	Powder coated aluminum fully glazed window openable shutter of size 370x1090mm (1'2.75"x3'7.5") using anodized aluminum 38.5mm x 33mm , 3mm thick for shutter frame , powder coating of aluminum sections 25 microns thick and fixing 4mm pin headed glass fitted with suitable aluminum glazing clips and rubber beading with all required accessories such as 1.MS-Powder Coated Butt hinges (IS:205)- 75 mm Long (3 nos) 2.MS- Powder Coated Tower Bolt-10 mm Bolt (IS:204) 100 mm Long (2Nos) complete supply (The aluminum sections used shall be standard make	6	No	90.00															

	confirming to IS 1948-1961 and as approved by the Engineer and fixtures shall be of ISI marked)																		
2	Powder coated aluminum fully glazed window openable shutter of size 370x490mm (1'2.75"x1'7.5") using anodized aluminum 38.5mm x 33mm , 3mm thick for shutter frame , powder coating of aluminum sections 25 microns thick and fixing 4mm pin headed glass fitted with suitable aluminum glazing clips and rubber beading with all required accessories such as 1.MS-Powder Coated Butt hinges (IS:205)- 75 mm Long (3 nos) 2.MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 100 mm Long (2Nos) complete supply (The aluminum sections used shall be standard make confirming to IS 1948-1961 and fixtures shall be of ISI marked)	2	No	30.00															
F	Glazed Window shutters with Country Woodouter frame																		
1	Openable Glazed Window shutter of size 370x1090mm (1'2.75"x3'7.5") with outer frame of Country woodwith bottom, sides and top section of 50mm x 25mm fixing 4mm pin headed	6	No	90.00															

	glass with Country Woodbeeding with all required accessories such as 1.MS-Powder Coated Butt hinges (IS:205)- 75 mm Long (3 nos) 2.MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 100 mm Long (2Nos) complete supply																	
2	Openable Glazed Window shutter of size 370x490mm (1'2.75"x1'7.5") with outer frame of Country woodwith bottom, sides and top section of 50mm x 25mm fixing 4mm pin headed glass with Country Woodbeeding with all required accessories such as 1.MS-Powder Coated Butt hinges (IS:205)- 75 mm Long (3 nos) 2.MS-Powder Coated Tower Bolt-10 mm Bolt (IS:204) 100 mm Long (2Nos) complete supply	2	No	30.00														
G	PVC Toilet Doorof Size 750x1800mm																	
1	PVC door frame and shutterof Size 750x1800mm, with shutter frame and infill panel made from PVC material conforming to IS: 10151-1982, the shutter frame made out of PVC extruded sections having overall dimension of 47 mm x 33 mm with wall thickness of 1.2mm + 0.3mm with usual process	1	No	15.00														

<p>variation, the shutter frame with tapered shape to provide better grip to the infill panel end to drain out the water The Infill panel is made out of PVC Sections having Overall Dimensions of 200mm x 20 mm with wall thickness of 1mm + 0.2mm, the shutter frames mitre cut and joined at the corner, by providing Polymeric “ L” type corners to take hardware & fixtures fixed with 10-20mm counter sunk fully threaded parallel shank steel screws, all the hardware locations reinforced with special polymeric bars as per drawings, stickers showing locations of different hardware pasted on the shutter, the infill panels joined by tongue and groove method.</p> <p>1.b) Fixtures of 1. MS-Powder Coated Butt hinges (IS: 205)- 100 mm Long (3 nos) 2. MS-Powder Coated Aldrop (IS: 2681) 200 mm long (2No) 3. MS-Powder Coated Tower Bolt-10 mm Bolt (IS: 204) 150 mm Long (1Nos) 4. MS-Powder Coated Door Handles (IS:208) 125 mm Long (2Nos) complete supply.</p>										
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Signature of the Authorized Signatory of
Manufacturing Company with seal