OFFICE OF THE ENGINEER-IN-CHIEF
P.W.D. NIRMAN BHAVAN, NORTH BLOCK,SECTOR-19
NAWA RAIPUR, ATAL NAGAR (CHHATTISGARH)

AMMENDMENT NO. 09

No. 65011/ 662 /SOR/ Nawa Raipur, Atal Nagar Dated 14 /05/2025

The following ammendments are hereby issued in the items mentioned below in S.O.R. for Building Works (in effect from 01-01-2015)

1. Chapter-10- ROOFING AND CEILING

1) Item No. 10.73 is added as given below.
2) Item No. 10.74 is added as given below.
3) Item No. 10.75 is added as given below.
4) Item No. 10.76 is added as given below.
5) Item No. 10.77 is added as given below.
6) Item No. 10.78 is added as given below.

Item No.	Description	Unit	Rate Rs
10.73	Supply & installation of Slats wall panelling made of E 1 grade laminated/melamine High Density Fiber board having minimum density 800kg/ cum i.e. 12.8kg/m2 16mm thick board which having grove perforated slats L 24-4 -(Router Machine cut 4mm groves @24mm pitch with 9.8% open area) in size 192x2440x16 mm slats/planks with tongue & groove edge of a seamless look. This slats/plank having acoustical fleeces of 0.27mm thick surface density of fleeces 63g/m2. This planks are erect on wall with proper manner & finish as per drawing with back line acoustic synthetic poly fiber 1000 gsm 50mm thick with G.I wire mesh in the framing channel .This framing channel are galvanised channel 50x50x100 thickness 0.45 mm of @ 600mm c/c and cross channel 18x27x21 thickness 0.5 mm @ 400mm c/c with required fastener to the wall. This slat/planks are to be fixed in a manner having 3 mm expansion joint between 4.88m length & 5.00 m in vertical direction.This all system should confirms Fire rating class B, Acoustics of material should not less than Noise Reduction Coefficient of 0.8 & sustain in climate condition(C,RH)- Minimuam 50. All products having green eco-friendly material should confirm low V.O.C of grade E-1 & R.E %-25. All work complete upto Height of 15.00 Mt. Cost of scaffolding to be paid separately { make anutone, ecotone acoustic, himalyan acoustics, saint gobain Gyproc.}	Sqm	9303.00**

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10.74	Supply and installation of Stretch fabric with Noise Reduction Coefficient and polyester core, digitally printed/ non printed acoustically, transparent face covering of choice colour, width of fabric1.4m (Minimum 100mm additional fabric is required for tucking hence maximum module wall fabric width would be 1300mm). in ceiling/wall surface, combination of Wood fiber board minimum density 400 Kg/cum weight 4Kg/sqm 600x1200x10mm, Synthetic poly fiber 1000 GSM and 25mm thick infill with Suitable framework of approx 50x50x100 channel at every 600mm C/C. First framework on wall to be erected so as to achieve desired profile and finish level as per dwg. This board fastened perpendicular to fixed framework with suitable fasteners. Suitable gripper fixed on Wood fibre board with metal fasteners as per marking lines for fixing plastic sleeves. Synthetic poly fiber 1000 GSM and 25mm thick is then adhered ,inbetween tracks, using adhesive.The Stretch acoustical fabric of width 1.4m is stretched and tucked into the Tracks and secured to the locking jaws with propose-specific tucking tools to obtain smooth, taut, wrinkle-free finish. Ensure the weft and weave of the fabric along with the surface all oriented in one direction to achieve uniform shade as per the drawing including all tools tackels and specialised supervision including cad cam shop drawing for accuracy of workmanship. Fabric System should be fire retardant as per IS 15061-2002. All work complete upto Height of 15.00 Mt. Cost of scaffolding to be paid separately { make anutone, ecotone acoustic, himalyan acoustics, saint gobain Gyproc.}	Sqm	9880.00**
10.75	Supply and installation of Plane Stretch fabric with Noise Reduction Coefficient and polyester core, acoustical fabric, transparent face covering of choice colour, width of fabric1.4m (Minimum 100mm additional fabric is required for tucking hence maximum module wall fabric width would be 1300mm). in ceiling/wall surface, combination of Wood fiber board minimum density 400 Kg/cum weight 4Kg/sqm 600x1200x10mm, Synthetic poly fiber 1000 GSM and 25mm thick infill with Suitable framework of approx 50x50x100 channel at every 600mm C/C. First framework on wall to be erected so as to achieve desired profile and finish level as per dwg. This board fastened perpendicular to fixed framework with suitable fasteners. Suitable gripper fixed on Wood fibre board with metal fasteners as per marking lines for fixing plastic sleeves. Synthetic poly fiber 1000 GSM and 25mm thick is then adhered ,inbetween tracks, using adhesive. The Stretch	Sqm	9033.00**

	acoustical fabric of width 1.4m is stretched and tucked into the Tracks and secured to the locking jaws with propose-specific tucking tools to obtain smooth, taut, wrinkle-free finish. Ensure the weft and weave of the fabric along with the surface all oriented in one direction to achieve uniform shade as per the drawing including all tools tackels and specialised supervision including cad cam shop drawing for accuracy of workmanship. Fabric System should be fire retardant as per IS 15061-2002. All work complete upto Height of 15.00 Mt. Cost of scaffolding to be paid separately { make anutone, ecotone acoustic, himalyan acoustics, saint gobain Gyproc.}		
10.76	Supply and installation of (Special Design Feature) as per provided drawing polyfibre panels, core-pigmented, high-density. non-grid, polyfibre-based material rigid panels of size 1200x2400x9mm, volume density 180-240 kg/m3, weight 2kg/m2 adhered on wooden fiber panel board square edge magnesite bonded 2mm wide core tiles of size 600x1200x15mm, volume density 400kg/m3, weight 6kg/m2,installed by using GI channel ceiling framework. The metal framing channels and accessories to create a flexible and adjustable grid for supporting various ceiling system shall include GI channel 15x45x15mm, fully knurled, sectional thickness 0.8mm, length 3600mm, equal flanges of 15mm and web 45mm from the soffit at 1200mm centers or as per drawing with GI channel 10x25, fully knurled, Suspender angle with sectional thickness 0.45mm, unequal flanges of 25 & 10mm. Extra support to be added near jointing of two gi channel 15x45x15mm so that end cantilever should not be more than 150mm.gi channel 35x20x63mm fully knurled, sectional thickness 0.55mm, length 3600mm, web 35mm, depth of 25mm and equal flanges 9.5mm is fastened to the GI channel 15x45x15mm perpendicularly at 600mm centerspine wooden poly fiber panel board is installed on the GI channel 35x20x63mm with suitable fasteners at 600mm centres. Longer edges of the panel should be perpendicular to length of GI channel 35x20x63mm. Adhesive applied on Wooden fiber board and at rear of Slim polyfibre panel. Prior to installation, ensure surface behind are flat, dry and free from dust or other contaminants and leveled. Panels are then adhered to wood fiber bord with adhesive. All work complete upto Height of 15.00 Mt. Cost of scaffolding to be paid separately { make anutone, ecotone acoustic, himalyan acoustics, saint gobain Gyproc.}	Sqm	12331.00**

10.77	Supply and Installation of perforated Glass Fiber Reinforced gypsum panel, backlined with acoustical fleece, having 3x3mm square perforations @ 8.33mm pitch with - 8 % open area, size 1200x2400x12.5mm tapered long edges, volume density of base board 700 Kgs/m3, weight of board 9Kg/m2 installed by using suitable channel system ceiling framework. The Strut ceiling framework system shall include GI channel, fully knurled, sectional thickness 0.50mm, length 3600mm, unequal flanges and web of 25mm, fixed along the perimeters of the wall with nylon sleeves and suitable fasteners at every 300mm centers. The GI channel 0.9mm thickness, fully knurled, sectional thickness 0.8mm, length 3600mm, equal flanges of 15mm and web 45mm from the soffit at 1200mm centers with channel, fully knurled, Suspender angle with sectional thickness 0.45mm, unequal flanges of 25 & 10mm such that free end of GI channel rests on GI channel along perimeter of ceiling. Extra support to be added on per requirement. more than 150mm. GI channel fully knurled, sectional thickness 0.55mm, length 3600mm, web 50mm, depth of 25mm and equal flanges 15mm is fastened to the GI channel perpendicularly at 600mm centers with other suitable GI channel members to hold board in proper position with adequate strength panel is installed on the GI channel with suitable fasteners at 600/400/300mm centres. The tapered long edges are then filled and finished with Seam AJC and tape . The short square edges are also similarly finished but no tape. Apply one coat of white primer with roller brush evenly across the Pixel surface to achieve uniform colour. The system is backlined with the acoustical infill Synth PF 10x50. All work complete upto Height of 15.00 Mt. Cost of scaffolding to be paid separately { make anutone, ecotone acoustic, himalyan acoustics, saint gobain Gyproc.}	Sqm	4571.00**
10.78	Supply and Installation of acoustical texture panel for ceiling and wall with square edge,Glassfibre core fully special fiture as per dwg.ceiling tile of size 595x595x15mm having volume density 120Kg/m3, weight 1.8kg/m2 suspended using 0.3 mm thick GI channel frame work T24 metal grid system. Skelet TrelisT24 ceiling grid system of 600x600mm module includes appropriate, section of thickness 0.4mm, with equal flanges of 24mm, length 3000mm, fixed along the perimeter of walls with the help of nylon sleeves and suitable fasteners at 300mm centers. Then appropriate section suspend on the sectional thickness 0.3mm, with flange width 24mm, height 38mm and length	Sqm	5688.00**

	3600mm, from the soffit slab with help of soffit cleat and wire rod with leveling spring clip at 1200mm centres. appropriate section of thickness 0.3mm, with flange width 24mm, height 32mm and length 1200mm is interlocked into the pre-cut slots in the Main section at 600mm centers in the perpendicular direction to the Main section. Finally, sectional thickness 0.3mm, with flange width 24mm, height 32mm and length 600mm are interlocked into the precut slots in the CrossT in direction parallel to the Main section to result in 600x600mm module. acoustical texture panel. Ensure arrow marks behind the tiles are oriented in one direction to achieve uniform shade.All work complete upto Height of 15.00 Mt. Cost of scaffolding to be paid separately { make anutone, ecotone acoustic, himalyan acoustics, saint gobain Gyproc.}		

Note - **These items shall be executed only with prior permission of Engineer in Chief P.W.D. Nawa Raipur Atal Nagar, Chhattisgarh.

All above ammendments shall be applicable with immediate effect.

14/5/2025

Engineer-In-Chief
Public Works Department
Nawa Raipur, Atal Nagar (C.G.)

Endt. No.65011/ 662 /SOR/ Nawa Raipur, Atal Nagar Dated 14 /05/2025

Copy to the

1. P.A. to Honorable Minister of P.W.D.C.G. Govt. Raipur.
2. Secretary, C.G. Govt. P.W.D. Nawa Raipur Atal Nagar.
3. Secretary, Finance Department C.G. Govt. Nawa Raipur Atal Nagar.
4. All Chief Engineers. P.W.D. Chhattisgarh.
5. All Superintending Engineer, P.W.D. Chhattisgarh.
6. Chief Technical Examiner (V) C.G. Raipur
7. Accountant General, C.G. Raipur
8. All Collectors, Chhattisgarh.
9. All Executive Engineer, P.W.D. Chhattisgarh.
10. Website Public Works Department https://www.cg.nic.in/pwdraipur

14/5/2025

Engineer-In-Chief
Public Works Department
Nawa Raipur, Atal Nagar (C.G.)