# CHAPTER – X

ANNEXURE - Item wise classification for PVC as per Clause 46A of GCC – 2022

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Date: 2026.06.13 13:35:06 IST
Reason: IREPS-CRIS
Location: New Delhi

Name of Work: Conducting DGPS/Total Station survey, checking/fixing of centreline on ground with reference to various GCP during work execution, hydrological survey and fixing of reference pillars at various locations in phase III in between Stations Pherima & Zubza in connection with the construction of new BG Line from Dhanasiri to Zubza .

| Item Wise Classification as per PVC Clause No. 46A of GCC.2022 | | | |
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| Schedule A : Execution of NS items of works as per Annexure-I ( Carrying out survey work etc.) | | | |
| SL No. | Item No. | Description of Works | Item Wise Classification as per PVC Clause No.46A of GCC 2022 |
| 1 | NS-1 | Carrying out survey work by DGPS system for collection of technical details on Railway alingment including fixing of centerline pillars at every 50 m or obligatory/importation location in Tunnel,bridge,curve,station etc as directed by the Engineer incharge with agency tools & plants, machinaries, survey instruments transport etc.Rates includes for work in all condition of terrain crossing river etc. centerline to be fixed in ground by fixing CC pillar payment for which will be paid separetly.Rates includes cost of project sheet and other pillar details with Global co-ordinates which will be submitted by the contractor in soft and hard copy after completion of the work. | PVC Clause is not applicable for this item |
| 2 | NS-2 | Carrying Bench Mark(BM) and fixing of various reference point at different location from nearest GCP/any authentic Benchmarck to the site of investigation using precision Auto level/Total station. | PVC Clause is not applicable for this item |
| Schedule-B: Execution of NS item of work as per Annexure-II ( CC Pillars) | | | |
| 1 | NS-1 | Manufacturing, supply & planting of reinforced concrete(1:2:4) pillars of 15cm dia and 90 cm long circular pillars on centreline of stacked alingment at all obligatory points,reference point ,centreline points& control points. | 9A |
| **Schedule C :-Execution of NS item of works as per Aneexure-III (Checking of centre-line /alignment)** | | | |
| 1 | NS-1 | Checking of centre-line /alignment ,taking cross section etc.during execution of work like earthwork,bridges,tunnels etc by engaging one experience surveyor ,one experienced assistant surveyor (both With knowledge of Total station,DGPS and auto level) & two helper(skilled) as and when required .Total station ,DGPS and auto level will be provided by the Railway. a) eploying experienced surveyor with minimum experience of 5-7 years and having education qualification of a bachelor degree in surveying/civil | PVC Clause is not applicable for this item |

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| | | engineering or Diploma in civil/ surveying. Note: Degree certificate should be submitted to Railway for the proof of the same. | |
| 2 | NS-2 | Checking of centre-line /alingment ,taking cross section etc.during execution of work like earthwork,bridges,tunnels etc by engaging one experience surveyer ,one experienced assistant surveyour (both With knowledge of Total station,DGPS and auto level) & two helper(skilled) as and when required .Total station ,DGPS and auto level will be provided by the Railway. b) Deploying experience assistance surveyour with minimum experience of 2-3 years and having education qualification of a bachelor degree in surveying/civil engineering or Diploma in civil/surveying. Note:Degree certificate should be submitted to Railway for the proof of the same. | PVC Clause is not applicable for this item |
| 3 | NS-3 | Checking of centre-line /alingment ,taking cross section etc.during execution of work like earthwork,bridges,tunnels etc by engaging one experience surveyer ,one experienced assistant surveyour (both With knowledge of Total station,DGPS and auto level) & two helper (skilled) as and when required .Total station ,DGPS and auto level will be provided by the Railway. (C) Deploying skilled labour for providing assistace in surveying. | PVC Clause is not applicable for this item |
| 4 | NS-4 | Checking of centre-line /alingment ,taking cross section etc.during execution of work like earthwork,bridges,tunnels etc by engaging one experience surveyer ,one experienced assistantsurveyour (both With knowledge of Total station,DGPS and auto level) & two helper (skilled) as and when required .Total station ,DGPS and auto level will be provided by the Railway. (d) Deploying unskilled labour for providing assistace in surveying. | PVC Clause is not applicable for this item |