**m~wPcÎ**

[1. f‚wgKvt 1](#_Toc59539214)

[2. cUf‚wgt 1](#_Toc59539215)

[3. b¨vh¨Zv cÖwZcv`bt 1](#_Toc59539216)

[4. cÖK‡íi g~j AvDUcyUt 2](#_Toc59539217)

[5. cÖKí GjvKvi †hvMv‡hvM e¨e¯’v I cwi‡mevmg~nt 2](#_Toc59539218)

[6. cÖK‡íi †fŠMwjK Ae¯’vbt 2](#_Toc59539219)

[7. cÖK‡íi eZ©gvb Ae¯’vt 3](#_Toc59539220)

[7.1 AwZwi³ cÖavb cÖ‡KŠkjxi evmfebt 3](#_Toc59539221)

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[8.1 AwZwi³ cÖavb cÖ‡KŠkjxi evmfeb wbg©vYt 5](#_Toc59539225)

[8.2 gqgbwmsn MYc~Z© †Rv‡bi wbe©vnx cÖ‡KŠkjx (÷vd Awdmvi) Ges gqgbwmsn MYc~Z© B/Gg wcGÛwW wefv‡Mi wbe©vnx cÖ‡KŠkjxØ‡qi evmfeb wbg©vYt 5](#_Toc59539226)

[8.3 Kg©KZ©v/Kg©Pvix‡`i Rb¨ Awdmvm© I ÷vd †KvqvU©vi wbg©vYt 6](#_Toc59539227)

[9. cwi‡ekMZ cÖfve g~j¨vqbt 7](#_Toc59539228)

[9.1 m¤¢ve¨ cÖwZK~j cÖfvet 7](#_Toc59539229)

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[10. cwiPvjbv I iÿYv‡eÿYt 7](#_Toc59539232)

[11. A\_©‰bwZK g~j¨vqbt 7](#_Toc59539233)

[11.1 cÖK‡íi mvgwMÖK A\_©‰bwZK g~j¨vqbt 7](#_Toc59539234)

[11.2 cÖv\_wgK e¨q-cÖv°j‡bi A\_©‰bwZK b¨vh¨Zv cÖwZcv`bt 7](#_Toc59539235)

[11.3 jvf-ÿwZi Zzjbvg~jK ch©v‡jvPbvt 8](#_Toc59539236)

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[12. ms‡e`bkxjZv we‡kølYt 9](#_Toc59539238)

[13. Dcmsnvit 9](#_Toc59539239)

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# f‚wgKvt

গৃহায়ন ও গণপূর্ত মন্ত্রণালয়ের অধীন গণপূর্ত অধিদপ্তর বাংলাদেশে নির্মাণ অঙ্গনের পথিকৃত। প্রায় দুই শত বছর ধরে গণপূর্ত অধিদপ্তর দেশের অবকাঠামো উন্নয়নের জন্য প্রয়োজনীয় মান নির্ধারণ করে আসছে। এই প্রতিষ্ঠান সরকারী নির্মান প্রকল্প বাস্তবায়নে কেন্দ্রীয় ভূমিকা পালন করে থাকে। এছাড়া অতিরিক্ত দায়িত্ব হিসাবে স্বায়ত্তশাসিত সংস্থাগুলোর প্রকল্প বাস্তবায়নেও এর ভূমিকা রয়েছে। গণপূর্ত অধিদপ্তরে সিভিল, ইলেকট্রিক্যাল ও মেকানিক্যাল ইঞ্জিনিয়ারসহ একটি দক্ষ ও অভিজ্ঞ জনবল রয়েছে। এছাড়া স্থাপত্য অধিদপ্তরের স্থপতিরা এদের পাশাপাশি কাজ করে থাকেন। বছরের পর বছর ধরে গড়ে ওঠা পেশাদারিত্ব ও কাজের মান গণপূর্ত অধিদপ্তরের অভিজ্ঞতাকে আরো সমৃদ্ধ করেছে। তাই যেকোনো নির্মাণ প্রকল্পের জন্য গণপূর্ত অধিদপ্তর ই সবার প্রথম পছন্দ। সরকারের প্রধান নির্মাণ সহযোগী প্রতিষ্ঠান হওয়া ছাড়াও গৃহায়ন ও গণপূর্ত মন্ত্রণালয়ের নিবিড় তত্ত্বাবধানে এটি প্রতিনিয়ত দেশের নির্মাণ শিল্পে সংশ্লিষ্ট প্রকল্পসমূহের তদারকি ও গতিবৃদ্ধি করে যাচ্ছে।

gqgbwmsn bZzb wefvM †NvlYv Kivi ci MYc~Z© Awa`ß‡ii AvIZvq wefbœ iKg c` m„Rb n‡q‡Q| D³ c`¸‡jvi gva¨‡g MYc~Z© wefv‡Mi mg¯Í Kv‡R gqgbwmsn wefvMxq AÂ‡j MwZ Avm‡e e‡j aviYv Kiv n‡q‡Q| D³ c`¸‡jv‡Z myweav e„w×i wbwg‡Ë ewY©Z cÖKíwU MÖnY Kiv n‡q‡Q hv †`‡ki mvgMÖxK Dbœq‡b f‚wgKv cvjb Ki‡e|

# cUf‚wgt

gqgbwmsn wefvM evsjv‡`‡ki me©‡kl wefvM hv eª¤§c~Î b`xi Zx‡i Aew¯’Z| cªvPxbKvj †\_‡K gqgbwmsn wefvM cÖkvmwbK w`K †\_‡K ¸iæZ¡c~Y©| D³ wefv‡M miKvix mg¯Í Awdm Ges ¯’vcbv Dcw¯’Z| D³ miKvix ¯’vcbvmg~n iÿYv‡eÿY Ges bZzb ¯’vcbv cÖwZôvKi‡Yi †ÿ‡Î MYc~Z© wefvM ¸iæZ¡c~Y© fzwgKv cvjb K‡i Avm‡Q| D³ KvR¸wj‡Z MwZ mÂv‡ii j‡ÿ¨ MYc~Z© wefv‡M wewfbœ cÖKí Pjgvb Ges bZzb wKQz cÖKí cÖ¯Ívebvq i‡q‡Q| gqgbwmsn AÂ‡ji MYc~Z© wefv‡Mi Kvh©µg cwiPvjbvi Rb¨ eû c~e© †\_‡KB mv‡K©j, wWwfkb Ges 3wU Dc-wefv‡Mi Awdm Pvjy wQj| gqgbwmsn wefv‡Mi DrcwËi ci AwaKZi Kvh©µg cwiPvjbvi Rb¨ MYc~Z© Awa`ß‡ii cÖ¯ÍvweZ bZzb AM©v‡bvMÖv‡g gqgbwmsn †Rjvq AwZwi³ wWwfkb I mve-wWwfk‡bi cÖ¯Íve Kiv n‡q‡Q| D³ KvR¸‡jv m¤úbœ Ki‡Z eZ©gv‡b I A`~i fwel¨‡Z Kg©KZ©v I Kg©Pvix‡`i wbivc` Avevm¯’j wbwðZ Kiv Riæix| D³ D‡Ïk¨‡K mvg‡b †i‡L ewY©Z cÖKímg~n MÖn‡Yi Rb¨ cÖ¯Íve Kiv n‡q‡Q|

# b¨vh¨Zv cÖwZcv`bt

MYc~Z© Awa`ßi, gqgbwmsn Gi AwZwi³ cÖavb cÖ‡KŠkjx Ges wbe©vnx cÖ‡KŠkjxmn mKj ¯Í‡ii cÖ‡KŠkjxMY KZ©„K m‡iRwg‡b cwi`k©biZt MYc~‡Z©i wbR¯^ RvqMvq Dc‡iv³ evmfebmg~n wbg©v‡Yi wm×všÍ M„nxZ nq| gqgbwmsn cÖkvmwbK wefvM m„wó nIqvi ciciB gqgbwmsn MYc~Z© †Rvb Ges MYc~Z© B/Gg wcGÛwW wefvM Awd‡mi m„Rb nq| eû c~e© †\_‡KB mv‡K©j, wWwfkb Ges 3wU Dc-wefv‡Mi Awdm Pvjy wQj| GQvov MYc~Z© Awa`ß‡ii cÖ¯ÍvweZ bZzb AM©v‡bvMÖv‡g gqgbwmsn †Rjvq AwZwi³ wWwfkb I mve-wWwfk‡bi cÖ¯Íve Kiv n‡q‡Q| Gi d‡j gqgbwms‡n MYc~Z© Awa`ß‡ii wewfbœ †MÖ‡Wi Kg©KZ©v, Kg©Pvixi msL¨v D‡jøL‡hvM¨ nv‡i e„w× †c‡q‡Q Ges fwel¨‡Z Av‡iv e„w× cv‡e| GZ wecyj msL¨K Kg©KZ©v, Kg©Pvixi Avevmb msKU wbim‡b, cwievi wb‡q mve©ÿwYK †÷k‡b \_vKv Ges miKvix Kvh©µ‡g MwZkxjZv Avbq‡b miKvix Avevm‡bi cÖ‡qvRbxqZv we‡ePbvq wb‡q cÖK‡íi Lmov cÖ¯‘Z Kiv n‡q‡Q|

Lmov cÖKímg~‡ni g‡a¨ i‡q‡Q:

1. be MwVZ gqgbwmsn MYc~Z© †Rv‡bi AwZwi³ cÖavb cÖ‡KŠkjxi Rb¨ 3-Zjv wfZ wewkó 3-Zjv evmfeb wbg©vY;
2. bem„ó gqgbwmsn MYc~Z© †Rv‡bi wbe©vnx cÖ‡KŠkjx (÷vd Awdmvi) Ges gqgbwmsn MYc~Z© B/Gg wcGÛwW wefv‡Mi wbe©vnx cÖ‡KŠkjxØ‡qi Rb¨ 4-Zjv wfZ wewkó 3-Zjv evmfeb wbg©vY;
3. gqgbwmsn MYc~Z© †Rvb, ZË¡veavqK cÖ‡KŠkjx I wbe©vnx cÖ‡KŠkjxM‡Yi Kvh©vj‡q Kg©iZ Kg©KZ©v/Kg©Pvix‡`i Rb¨ Awdmvm© I ÷vd †KvqvU©vi wbg©vY KvR| 6-Zjv wf‡Zi 6-Zjv K‡i 4wU (1350 GmGdwU, 1000 GmGdwU, 800 GmGdwU Ges 600 GmGdwU) feb|

D³ cÖKíwUi Rb¨ MYc~Z© Awa`ß‡ii wbR¯^ ‡hme ¯’vb wba©viY Kiv n‡q‡Q †m¸‡jv nj: mv‡ne †KvqvU©vi GjvKv I mvbwKcvov| †mB j‡ÿ wWwRUvj mv‡f© Ges m‡qj †U÷ Kiv n‡q‡Q| feb mg~‡ni wfwË pile foundation aiv n‡q‡Q| cÖv°j‡bi cvBj As‡k 1:1.25:2.5 Ges evKx As‡k 1:1.5:3 Abycv‡Zi stone chips Gi KswµU Ges 60 †MÖ‡Wi deformed rod aiv n‡q‡Q| GQvovI cÖv°j‡b evDÛvix Iqvj, Af¨šÍixb iv¯Ív, †mw›Uª †cv÷, M¨v‡iR, †MU, mve-‡÷kb, ewnt cvwb ms‡hvM BZ¨vw` aiv n†q‡Q| cÖv°j‡bi B/Gg As‡k 500 KVA Sub-Station, 100 KVA Generator, Solar system, Fire Extinguisher, C.C.T.V, PABX, Compound Security Light, Split Type Air cooler, 20 H.P submersible pump motor set, 6 nos 630kg lift, Lightening Arrester BZ¨vw` aiv n‡q‡Q| cÖv°j‡bi AvB‡Ug mg~‡ni `i MYc~Z© Awa`ß‡ii PjwZ †iU wmwWDj/18 †gvZv‡eK Kiv n‡q‡Q|

# cÖK‡íi g~j AvDUcyUt

cÖKíwUi mdj ev¯Íevqb n‡j Gi g~j AvDUcyU n‡e wb¤œiæct

* 3-Zjv wfZ wewkó 3-Zjv AvevwmK feb (AwZwi³ cÖavb cÖ‡KŠkjxi Rb¨) wbg©vY;
* 4-Zjv wfZ wewkó 3-Zjv AvevwmK feb (wbe©vnx cÖ‡KŠkjx ÷vd Awdmvi Ges B/Gg wcGÛwW wefv‡Mi wbe©vnx cÖ‡KŠkjxØ‡qi Rb¨) wbg©vY;
* 6-Zjv wfZ wewkó 6-Zjv 4wU (1350 GmGdwU, 1000 GmGdwU, 800 GmGdwU Ges 600 GmGdwU) feb wbg©vY (Kg©KZ©v/Kg©Pvix‡`i Rb¨) |

# cÖKí GjvKvi †hvMv‡hvM e¨e¯’v I cwi‡mevmg~nt

gqgbwms‡ni ‡hvMv‡hvM e¨e¯’vi g‡a¨ ‡ijc\_ I moK c\_B cÖavb|

**‡ijc\_t**

gqgbwms‡ni mv‡\_ wewfbœ iæ‡Ui ‡ij PjvP‡ji Kvh©µg Pvjy Av‡Q `xN©w`b| ‡ijc‡\_ ivRavbx XvKv ‡\_‡K cÖwZw`b mKvj ‡\_‡K ivZ 11:45 Uv ch©šÍ ‡gvU 5wU ‡gBj ‡U«b gqgbwmsn Av‡m| mvZwU ‡U«‡bi g‡a¨ 6wU AvšÍtbMi G·‡cÖm, Ab¨¸‡jv ‡jvKvj| G ‡U«b¸‡jv XvKv ‡\_‡K U½x-MdiMvuI n‡q gqgbwmsn Av‡m| 6wUi g‡a¨ 2wU ZvivKvw›` Ges 2wU ‡bÎ‡Kvbv- ‡gvnbMÄ hvq| Avi 2wU AvšÍtbMi ‡U«b XvKv ‡\_‡K ‡`IqvbMÄ evRv‡ii D‡Ï‡k¨ P‡j| GQvov cÖwZw`b XvKv ‡\_‡K †ek K‡qKwU ‡jvKvj ‡U«b gqgbwms‡n Av‡m| 5wU ‡U«b AvcWvDb wnmv‡e hvZvqvZ K‡i|

**moKc\_t**

gqgbwmsn moK wefv‡Mi AvIZvaxb ‡gvU moK c‡\_i ‰`N¨© 544 wK‡jvwgUvi| moK c‡\_ gqgbwmsn m`i ‡\_‡K ‡`‡ki mKj ‡Rjvq hvZvq‡Zi mye¨e¯’v Av‡Q| gqgbwmsn kni ‡\_‡K ivRavbx XvKvi `yiZ¡ 121 wK‡jvwgUvi| XvKv ‡\_‡K moK c‡\_ gqgbwms‡n Avm‡Z gnvLvjx evm Uvwg©bvj ‡\_‡K wewfbœ cwienb ms¯’vi ‡gBj I ‡jvKvj Mvwo‡Z 2 N›Uv 30 wgwbU ‡\_‡K 3 N›Uv 30 wgwb‡U gqgbwms‡n ‡cŠuQv hvq| gnvLvjx QvovI Kgjvcyi, weAviwUwm Uvwg©bvj ‡\_‡K XvKv-‡bÎ‡Kvbv iæ‡Ui Mvwo‡ZI gqgbwms‡n Avmv ‡h‡Z cv‡i| gqgbwmsn ‡\_‡K XvKv-PÆMÖvg-ivRkvnx-Lyjbv-cÂMo-e¸ov-iscyi-wm‡jU-Rvgvjcyi-‡kicyi-‡bÎ‡Kvbv-wK‡kviMÄ-nvjyqvNvU-MdiMvuI-‡avevDovmn wewfbœ AÂ‡j moK c‡\_ hvevi e¨e¯’v Av‡Q|

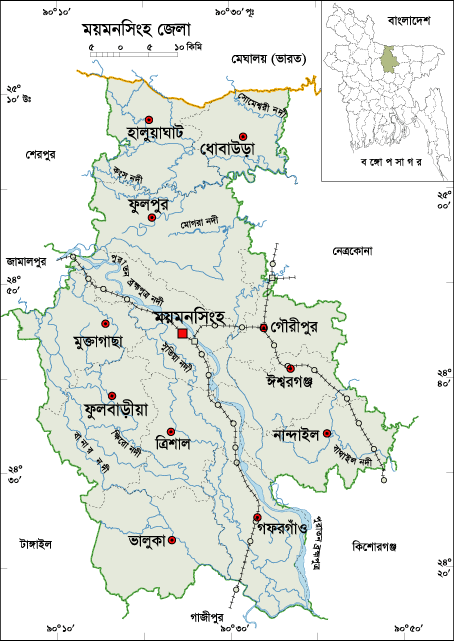
**cwi‡mevmg~nt**

cÖKí GjvKvq mvaviY bvMwiK cwi‡mevmg~n †hgb: M¨vm, cvwb ms‡hvM, we`y¨r, B›Uvi‡bU I Ab¨vb¨ †mevmg~n we`¨gvb| hv D³ AÂ‡j mvaviY bvMwiK‡`i RxebhvÎv wbwðZ Ki‡Z cÖ‡qvRbxq| D³ cwi‡mevmg~n ewY©Z cÖK‡í mg¯Í cÖKvi myweav`x cÖ`vb Ki‡Z mÿg|

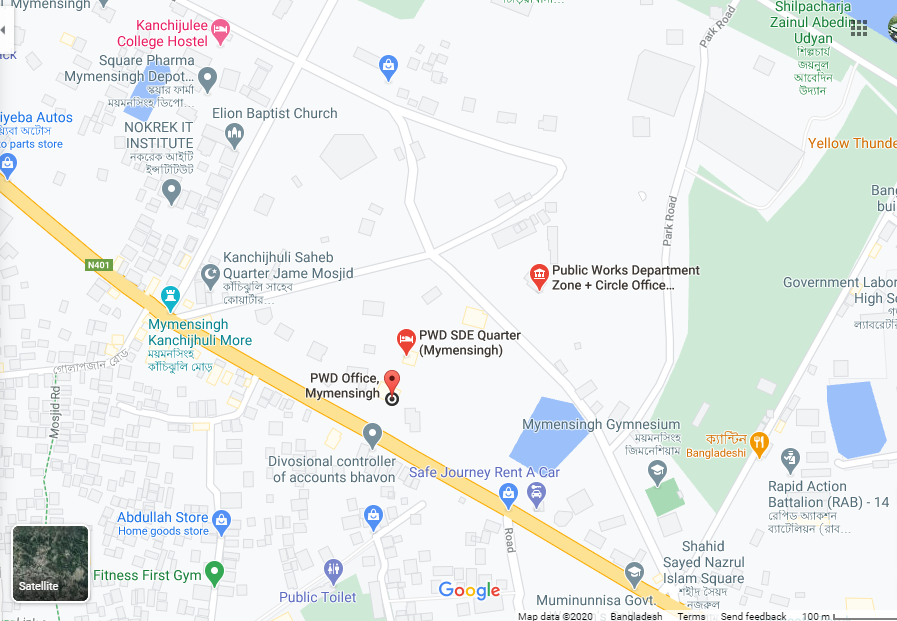
# cÖK‡íi †fŠMwjK Ae¯’vbt

**gvbwP‡Î gqgbwmsn †Rjvt**

2402'31" ‡\_‡K 25025'56" DËi A¶vsk Ges 89039'00" ‡\_‡K 91015'35" c~e© `ªvwNgvsk- G| DË‡i Mv‡ivcvnvo I fvi‡Zi ‡gNvjq ivR¨, `w¶‡Y MvRxcyi ‡Rjv, c~‡e© ‡bÎ‡Kvbv I wK‡kviMÄ ‡Rjv Ges cwð‡g ‡kicyi, Rvgvjcyi I Uv½vBj ‡Rjv Aew¯’Z|



cÖKíwU gqgbwmsn †Rjv kn‡ii `yBwU ¯’vb mv‡ne †KvqvU©vi GjvKv I mvbwKcvov-‡Z Aew¯’Z| mv‡ne †KvqvU©vi GjvKvwUi mwVK Ae¯’vb 24077` Dt Ges 90040` c~t Ges mvbwKcvov GjvKvwUi mwVK Ae¯’vb 24076` Dt Ges 90039` c~t| mv‡ne †KvqvU©vi cÖKí GjvKvi Pvicvk Ry‡o i‡q‡Q †ek K‡qKwU ¸iæZ¡c~Y© ¯’vcbv hvi g‡a¨ AvÄygvb C`Mvn Rv‡g gmwR`, AvuMv d¨vkb nvDm, †gwW‡mb wgj, KvuwPSzwj mv‡ne †KvqvU©vi Ab¨Zg|



**wcWweøDwW Awdm, gqgbwmsn**

**d‡Uvt ¸Mj g¨v‡c cÖKíwUi eZ©gvb Ae¯’vb**

# cÖK‡íi eZ©gvb Ae¯’vt

## AwZwi³ cÖavb cÖ‡KŠkjxi evmfebt

1. KvuPv I cvKv febmg~n

cÖK‡íi Pvicv‡k wewfbœ iKg miKvix ¯’vcbv I iv¯Ív Øviv cwi‡ewóZ| cÖ¯ÍvweZ ¯’v‡bi GKcv‡k i‡q‡Q AvÄygvb C`Mvn gq`vb, GKZjv cvuKv †MvWvDb, ‡mwg cvuKv BDwbqb Awdm, 1wU wUb‡mW Ni| Aci cv‡k i‡q‡Q moK I Rbc\_ Awa`ß‡ii m¤úwË Ges wcWweøDwWÕi †MvWvDb| cÖK‡íi Av‡iKw`‡K i‡q‡Q †Rjv Lv`¨ wbqš¿‡Ki Kvh©vjq|

1. MvQcvjv

cÖK‡íi eZ©gvb Ae¯’v‡b wewfbœ cÖRvwZi AvbygvwbK kZvwaK MvQ i‡q‡Q|

1. MvQ KvUv

bZzb feb wbg©v‡Yi Rb¨ ¯’vb wba©vi‡Yi ci wKQy MvQ KvUvi cÖ‡qvRb n‡Z cv‡i|

AwaMÖnYK…Z Rwgi cwigvY 3.195 GKi|

## wbe©vnx cÖ‡KŠkjxi evmfebt

1. KvuPv I cvKv febmg~n

cÖK‡íi Pvicv‡k wewfbœ iKg miKvix ¯’vcbv I iv¯Ív Øviv cwi‡ewóZ| cÖ¯ÍvweZ ¯’v‡bi GKcv‡k i‡q‡Q ‡Rjv cÖkvmK g‡nv`‡qi evmfeb, Acicv‡k i‡q‡Q moK I Rbc` Awa`ß‡ii ZË¡veavqK I wbe©vnx cÖ‡KŠkjxi evmfeb|

1. MvQcvjv

cÖK‡íi eZ©gvb Ae¯’v‡b wewfbœ cÖRvwZi AvbygvwbK kZvwaK MvQ i‡q‡Q|

1. MvQ KvUv

bZzb feb wbg©v‡Yi Rb¨ ¯’vb wba©vi‡Yi ci wKQy MvQ KvUvi cÖ‡qvRb n‡Z cv‡i|

AwaMÖnYK…Z Rwgi cwigvY 3.195 GKi|

## Kg©KZ©v/Kg©Pvix‡`i Rb¨ Awdmvm© I ÷vd †KvqvU©vit

1. KvuPv I cvKv febmg~n

cÖK‡íi Pvicv‡k wewfbœ iKg miKvix ¯’vcbv I iv¯Ív Øviv cwi‡ewóZ| cÖ¯ÍvweZ ¯’v‡bi GKcv‡k i‡q‡Q 1wU wZb-Zjv wewkó 4\_© †kÖYxi Kg©Pvix‡`i †KvqvU©vi, Acicv‡k i‡q‡Q M¨v‡iR, †cŠicv¤ú nvDR Ges wcQ‡bi w`‡K i‡q‡Q 1wU †QvU bvjv|

1. MvQcvjv

cÖK‡íi eZ©gvb Ae¯’v‡b wewfbœ cÖRvwZi Aí wKQz msL¨K MvQ i‡q‡Q|

1. MvQ KvUv

bZzb feb wbg©v‡Yi Rb¨ ¯’vb wba©vi‡Yi ci wKQy MvQ KvUvi cÖ‡qvRb n‡Z cv‡i|

AwaMÖnYK…Z Rwgi cwigvY 3.195 GKi|

# cÖK‡íi AeKvVv‡gvMZ m¤¢ve¨Zvt

cÖKíwUi wbg©vY I Dbœqb mvgwMÖKfv‡e wewfbœ c¨v‡K‡R wef³| c¨v‡KR¸‡jv njt (1) be MwVZ gqgbwmsn MYc~Z© †Rv‡bi AwZwi³ cÖavb cÖ‡KŠkjxi Rb¨ 3-Zjv wfZ wewkó 3-Zjv evmfeb wbg©vY; (2) bem„ó gqgbwmsn MYc~Z© †Rv‡bi wbe©vnx cÖ‡KŠkjx (÷vd Awdmvi) Ges gqgbwmsn MYc~Z© B/Gg wcGÛwW wefv‡Mi wbe©vnx cÖ‡KŠkjxØ‡qi Rb¨ 4-Zjv wfZ wewkó 3-Zjv evmfeb wbg©vY; (3) gqgbwmsn MYc~Z© †Rvb, ZË¡veavqK cÖ‡KŠkjx I wbe©vnx cÖ‡KŠkjxM‡Yi Kvh©vj‡q Kg©iZ Kg©KZ©v/Kg©Pvix‡`i Rb¨ Awdmvm© I ÷vd †KvqvU©vi wbg©vY KvR|

**be MwVZ gqgbwmsn MYc~Z© †Rv‡bi AwZwi³ cÖavb cÖ‡KŠkjxi Rb¨ 3-Zjv wfZ wewkó 3-Zjv evmfeb wbg©vY cÖK‡íi AeKvVv‡gvMZ mvims‡ÿct**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | Building Type | : Residential | | Building Category | : Special | | Foundation Type | : Pile Foundation | | Basis of Estimate: | | | Plinth Area: | | | Ground Floor | 3206.25/297.87 | Sft/Sqm | | 1st Floor | 2600.00/241.55 | Sft/Sqm | | 2nd Floor | 866.66/80.51 | Sft/Sqm | | Chilakotha | 218.50/20.30 | Sft/Sqm | | Total Area | 6891.41/640.23 | Sft/Sqm | |

**bem„ó gqgbwmsn MYc~Z© †Rv‡bi wbe©vnx cÖ‡KŠkjx (÷vd Awdmvi) Ges gqgbwmsn MYc~Z© B/Gg wcGÛwW wefv‡Mi wbe©vnx cÖ‡KŠkjxØ‡qi Rb¨ 4-Zjv wfZ wewkó 3-Zjv evmfeb wbg©vY cÖK‡íi AeKvVv‡gvMZ mvims‡ÿct**

|  |  |
| --- | --- |
| Building Type | : Residential |
| Building Category | : Super |
| Foundation Type | : Pile Foundation (02 Storied) |
| Plinth Area | : 7332.00/681.17 Sft/Sqm |

**gqgbwmsn MYc~Z© †Rvb, ZË¡veavqK cÖ‡KŠkjx I wbe©vnx cÖ‡KŠkjxM‡Yi Kvh©vj‡q Kg©iZ Kg©KZ©v/Kg©Pvix‡`i Rb¨ Awdmvm© I ÷vd †KvqvU©vi wbg©vY cÖK‡íi AeKvVv‡gvMZ mvims‡ÿct**

|  |  |
| --- | --- |
| Building Type | : Residential |
| Building Category | : Super |
| Foundation Type | : Pile Foundation (06 Storied) |
| Plinth Area | : 10058.00/934.42 Sft/Sqm |

## AwZwi³ cÖavb cÖ‡KŠkjxi evmfeb wbg©vYt

GB febwU we‡kl †kÖYxi AvevwmK fe‡bi AšÍf‚©³| Gi KvVv‡gvi cvBj As‡k 1:1.25:2.5 Ges evwK As‡k 1:1.5:3 Abycv‡Zi stone chips Gi KswµU Ges 60 †MÖ‡Wi deformed rod Øviv Aviwmwm †d«‡g wbwg©Z n‡e| cÖKíwU P‚ovšÍ ch©v‡q 3-Zjv fe‡b cwiYZ n‡e (cwiwkó 2 `ªóe¨) | Gi wfwË n‡e cvBj wewkó Ges Gi e¨q-cÖv°jb nvi wba©vwiZ n‡q‡Q wcWweøDwW wkwWDj †iU, 2018 Abyhvqx|

**fe‡bi myweavw`t**

* 1g Zjvq Uq‡jUmn Awdm Kÿ, emvi RvqMv BZ¨vw`
* 2q I 3q Zjvq gv÷vi †eWmn WvBwbs iæg, wK‡Pb, Wªwqs iæg, jwe, wmwo, †Lvjv eviv›`v, Gqvi KwÛkb Ges Ab¨vb¨ myweavw`
* GQvovI \_vK‡e †iKW© iæg, GwmB †P¤^vi, jwe, I‡qwUs iæg, wgwUs iæg, WvBwbs iæg BZ¨vw`

**cÖKíwUi cÖhyw³MZ wbg©vY ˆewkó¨ wb¤œiæct**

|  |  |  |
| --- | --- | --- |
| Building Type | **:** | Residential |
| Building Category | **:** | Special |
| Type of Structure | **:** | RCC Frame Structure with 1:1.5:3 Concrete (Stone Chips) |
| Foundation For | **:** | 3-Storied Building |
| Foundation Type | **:** | Pile Foundation (3-Storied) |
| Basis of Estimate | **:** | PWD Schedule of Rates 2018 |
| To Be Constructed | **:** | Pile Foundation, 3 (Three) Storied Building |
| Plinth Area | **:** | 6891.41 sft / 640.23 sqm |

**fe‡bi myweavw`i c‡ÿ b¨vh¨Zv cÖwZcv`bt**

AwZwi³ cÖavb cÖ‡KŠkjx GKRb miKvix †M‡R‡UW cÖ\_g †kÖYxi wefvMxq ch©v‡qi Kg©KZ©v| Ibvi I Ibvi cwiev‡ii e¨vw³MZ Rxebgvb we‡kl †kªYxi| Zvi Avevm¯’jwUI we‡kl †kÖYxi nIqv AZ¨vek¨Kxq| MYc~Z© Awa`ß‡ii wewagvjv Abyhvqx we‡kl †kÖYxi evmfeb Dc‡iv³ AeKvVv‡gv †g‡b wbwg©Z n‡e hv Zvi eZ©gvb mvgvwRK Ae¯’v, c`exMZ Ae¯’vb Ges Ab¨vb¨ Rxebgv‡bi wel‡qi mv‡\_ mvgÄm¨c~Y©| GB Rxebgv‡bi welq¸wji Dci Av‡jvKcvZ K‡i cÖ¯ÍvweZ evmfebwUi cÖhyw³MZ Ges AeKvVv‡gvMZ welq mgmvgwqK †cÖwÿ‡Z Dc‡hvMx|

## gqgbwmsn MYc~Z© †Rv‡bi wbe©vnx cÖ‡KŠkjx (÷vd Awdmvi) Ges gqgbwmsn MYc~Z© B/Gg wcGÛwW wefv‡Mi wbe©vnx cÖ‡KŠkjxØ‡qi evmfeb wbg©vYt

GB febwU we‡kl †kÖYxi AvevwmK fe‡bi AšÍf‚©³| Gi KvVv‡gvi cvBj As‡k 1:1.25:2.5 Ges evwK As‡k 1:1.5:3 Abycv‡Zi stone chips Gi KswµU Ges 60 †MÖ‡Wi deformed rod Øviv Aviwmwm †d«‡g wbwg©Z n‡e| cÖKíwU P‚ovšÍ ch©v‡q 3-Zjv fe‡b cwiYZ n‡e (cwiwkó 2 `ªóe¨) | Gi wfwË n‡e cvBj wewkó Ges Gi e¨q-cÖv°jb nvi wba©vwiZ n‡q‡Q wcWweøDwW wkwWDj †iU, 2018 Abyhvqx|

**fe‡bi myweavw`t**

* 1g Zjvq Uq‡jUmn Awdm Kÿ, emvi RvqMv BZ¨vw`
* 2q I 3q Zjvq gv÷vi †eWmn WvBwbs iæg, wK‡Pb, Wªwqs iæg, jwe, wmwo, †Lvjv eviv›`v, Gqvi KwÛkb Ges Ab¨vb¨ myweavw`
* GQvovI †iKW© iæg, GwmB †P¤^vi, jwe, I‡qwUs iæg, wgwUs iæg, WvBwbs iæg BZ¨vw`

**cÖKíwUi cÖhyw³MZ wbg©vY ˆewkó¨ wb¤œiæct**

|  |  |  |
| --- | --- | --- |
| Building Type | **:** | Residential |
| Building Category | **:** | Special |
| Type of Structure | **:** | RCC Frame Structure with 1:1.5:3 Concrete (Stone Chips) |
| Foundation For | **:** | 3-Storied Building |
| Foundation Type | **:** | Pile Foundation (04 Storied) |
| Basis of Estimate | **:** | PWD Schedule of Rates 2018 |
| To Be Constructed | **:** | Pile Foundation, 3 (Three) Storied Building |
| Plinth Area | **:** | 7332.00 sft / 681.17 sqm |

**fe‡bi myweavw`i c‡ÿ b¨vh¨Zv cÖwZcv`bt**

wbe©vnx cÖ‡KŠkjx GKRb miKvix †M‡R‡UW cÖ\_g †kÖYxi †Rjv ch©v‡qi Kg©KZ©v| Ibvi I Ibvi cwiev‡ii e¨vw³MZ Rxebgvb we‡kl †kªYxi| Zvi Avevm¯’jwUI we‡kl †kÖYxi nIqv AZ¨vek¨Kxq| MYc~Z© Awa`ß‡ii wewagvjv Abyhvqx we‡kl †kÖYxi evmfeb Dc‡iv³ AeKvVv‡gv †g‡b wbwg©Z n‡e hv Zvi eZ©gvb mvgvwRK Ae¯’v, c`exMZ Ae¯’vb Ges Ab¨vb¨ Rxebgv‡bi wel‡qi mv‡\_ mvgÄm¨c~Y©| GB Rxebgv‡bi welq¸wji Dci Av‡jvKcvZ K‡i cÖ¯ÍvweZ evmfebwUi cÖhyw³MZ Ges AeKvVv‡gvMZ welq mgmvgwqK †cÖwÿ‡Z Dc‡hvMx|

## Kg©KZ©v/Kg©Pvix‡`i Rb¨ Awdmvm© I ÷vd †KvqvU©vi wbg©vYt

GB cÖK‡íi AvIZvq 6-Zjv wewkó †gvU 4wU (1350 GmGdwU, 1000 GmGdwU, 800 GmGdwU Ges 600 GmGdwU) feb wbwg©Z n‡e| feb¸‡jv mycvi †kÖYxi AvevwmK fe‡bi AšÍf‚©³| G¸‡jvi KvVv‡gvi cvBj As‡k 1:1.25:2.5 Ges evwK As‡k 1:1.5:3 Abycv‡Zi stone chips Gi KswµU Ges 60 †MÖ‡Wi deformed rod Øviv Aviwmwm †d«‡g wbwg©Z n‡e| cÖKíwU P‚ovšÍ ch©v‡q 4wU 6-Zjv fe‡b cwiYZ n‡e (cwiwkó 2 `ªóe¨)| G¸‡jvi wfwË n‡e cvBj wewkó Ges Gi e¨q-cÖv°jb nvi wba©vwiZ n‡q‡Q wcWweøDwW wkwWDj †iU, 2018 Abyhvqx|

**fe‡bi myweavw` (1350 GmGdwU)t**

* MÖvDÛ †d¬v‡i \_vK‡e 2wU †Kqvi‡UKvi iæg, 2wU cvwK©s Gwiqv, 1wU KwgDwbwU iæg DB\_ wK‡Pb GÛ eviv›`v, wjd&U I wmwo
* wUwcK¨vj †d¬vi cø¨v‡b AšÍf©~³ \_vK‡e 2q Zjv †\_‡K 6-Zjv ch©šÍ| cÖwZ †d¬v‡i 2wU K‡i †gvU 12wU BDwbU \_vK‡e| cªwZ BDwb‡U \_vK‡e 1wU gv÷vi †eWiæg, 2wU mvaviY †eWiæg, 1wU wjwfs iæg, 1wU WvBwbs iæg, 4wU eviv›`v, 1wU wK‡Pb, 3wU Uq‡jU I jwe| `yB BDwb‡Ui gvSLv‡b \_vK‡e wmwo I wjd&U| †cv‡P©i Dc‡i 1wU evMvb \_vK‡e|

**fe‡bi myweavw` (1000 GmGdwU)t**

* MÖvDÛ †d¬v‡i wPj‡Wªb †cøMÖvDÛ DB\_ BDwUwjwU iæg, jwe, wjd&U, KwgDwbwU nj DB\_ wK‡Pb, Uq‡jU, Iqvk GÛ c¨v›Uªx, d‡›U †cvP© myweav
* wUwcK¨vj †d¬vi cø¨v‡b AšÍf©~³ \_vK‡e 2q Zjv †\_‡K 6-Zjv ch©šÍ| cÖwZ †d¬v‡i 2wU K‡i †gvU 12wU BDwbU \_vK‡e| cªwZ BDwb‡U \_vK‡e 3wU †eWiæg, 1wU wjwfs iæg, 1wU WvBwbs iæg, 2wU eviv›`v, 1wU wK‡Pb I 2wU Uq‡jU| `yB BDwb‡Ui gvSLv‡b \_vK‡e wmwo I wjd&U| †cv‡P©i Dc‡i 1wU evMvb \_vK‡e|

**fe‡bi myweavw` (800 GmGdwU)t**

* wjd&U, KwgDwbwU nj DB\_ wK‡Pb, Uq‡jU, Iqvk GÛ c¨v›Uªx
* MÖvDÛ †d¬v‡i wPj‡Wªb †cøMÖvDÛ DB\_ BDwUwjwU iæg, jwe, d‡›U †cvP© myweav
* wUwcK¨vj †d¬vi cø¨v‡b AšÍf©~³ \_vK‡e 2q Zjv †\_‡K 6-Zjv ch©šÍ| cÖwZ †d¬v‡i 2wU K‡i †gvU 12wU BDwbU \_vK‡e| cªwZ BDwb‡U \_vK‡e 1wU gv÷vi †eWiæg, 1wU mvaviY †eWiæg, 1wU wjwfs iæg, 1wU WvBwbs iæg, 2wU eviv›`v, 1wU wK‡Pb I 2wU Uq‡jU| `yB BDwb‡Ui gvSLv‡b \_vK‡e wmwo I wjd&U| †cv‡P©i Dc‡i 1wU evMvb \_vK‡e|

**fe‡bi myweavw` (600 GmGdwU)t**

* wjd&U, KwgDwbwU nj DB\_ wK‡Pb, Uq‡jU, Iqvk GÛ c¨v›Uªx
* MÖvDÛ †d¬v‡i wPj‡Wªb †cøMÖvDÛ DB\_ BDwUwjwU iæg, jwe, d‡›U †cvP© myweav
* wUwcK¨vj †d¬vi cø¨v‡b AšÍf©~³ \_vK‡e 2q Zjv †\_‡K 6-Zjv ch©šÍ| cÖwZ †d¬v‡i 2wU K‡i †gvU 12wU BDwbU \_vK‡e| cªwZ BDwb‡U \_vK‡e 1wU gv÷vi †eWiæg, 1wU mvaviY †eWiæg, 1wU wjwfs iæg, 1wU WvBwbs iæg, 2wU eviv›`v, 1wU wK‡Pb I 2wU Uq‡jU| `yB BDwb‡Ui gvSLv‡b \_vK‡e wmwo I wjd&U| †cv‡P©i Dc‡i 1wU evMvb \_vK‡e|

**cÖKíwUi cÖhyw³MZ wbg©vY ˆewkó¨ wb¤œiæct**

|  |  |  |
| --- | --- | --- |
| Building Type | **:** | Residential |
| Building Category | **:** | Super |
| Type of Structure | **:** | RCC Frame Structure with 1:1.5:3 Concrete (Stone Chips) |
| Foundation For | **:** | 6-Storied Building |
| Foundation Type | **:** | Pile Foundation (06 Storied) |
| Basis of Estimate | **:** | PWD Schedule of Rates 2018 |
| To Be Constructed | **:** | Pile Foundation, 6 (Six) Storied Building |
| Plinth Area | **:** | 10058.00 sft / 934.42 sqm |

**fe‡bi myweavw`i c‡ÿ b¨vh¨Zv cÖwZcv`bt**

GKwU wcWweøDwW Awdm wewfbœ †kÖYxi Kg©KZ©v, Kg©Pvix I ÷vd‡`i mgš^‡q MwVZ| Zv‡`i e¨vw³MZ I cvwievwiK Rxebgvb Abyhvqx 4wU mycvi (1350 GmGdwU, 1000 GmGdwU, 800 GmGdwU Ges 600 GmGdwU) K¨vUvMix‡Z feb¸‡jv wef³ Kiv n‡q‡Q| MYc~Z© Awa`ß‡ii wewagvjv Abyhvqx D³ AeKvVv‡gv wbwg©Z n‡e hv Zv†`i eZ©gvb mvgvwRK Ae¯’v, c`exMZ Ae¯’vb Ges Ab¨vb¨ Rxebgv‡bi wel‡qi mv‡\_ mvgÄm¨c~Y©| GB Rxebgv‡bi welq¸wji Dci Av‡jvKcvZ K‡i cÖ¯ÍvweZ AvevwmK feb¸‡jvi cÖhyw³MZ Ges AeKvVv‡gvMZ welq mgmvgwqK †cÖwÿ‡Z Dc‡hvMx|

# cwi‡ekMZ cÖfve g~j¨vqbt

## m¤¢ve¨ cÖwZK~j cÖfvet

cÖKí wbg©v‡Yi mgq cÖavbZ evqy gvb †fŠZ cwi‡ekMZ †bwZevPK cÖfvemg~‡ni g‡a¨ Dcw¯’Z n‡Z cv‡i| wbg©vY cieZ©x Kvh©µ‡gi mgq evqy gv‡bi Dci †bwZevPK cÖfve¸wj hvbevn‡bi wb®‹vkb wbM©gbKvix `~wlZ c`v\_© †\_‡K D™¢‚Z n‡Z cv‡i| djkÖæwZ‡Z evq~ ¯^í AvKv‡i `~wlZ n‡Z cv‡i| wbg©vY Kv‡Ri mgq kã ¯Í‡ii Dci wKQzUv cÖfve co‡Z cv‡i| MvQcvjv ‡K‡U †djvi Kvi‡Y ˆRweK cwi‡e‡ki DciI wKQzUv cÖfve co‡Z cv‡i|

## cÖkgb e¨e¯’vt

ï®‹ ‡gŠmy‡g Kv‡Ri cwiwa Kgv‡Z n‡e| a~wjKYvi SzuwK Kgv‡Z ch©vß cvwb wQUv‡Z n‡e Ges kã `~lY Kgv‡Z h\_vm¤¢e Kg kã DrcbœKvix hš¿cvwZ e¨envi Ki‡Z n‡e| mvBU cwi`k©b, wbg©vY K¨v‡¤úi mvgwMÖK Ae¯’v, f-‚Dcwi¯’ cvwbi gvb, cwi‡ek Awa`ßi KZ©„K cÖ¯ÍvweZ c×wZ Abymv‡i BU, weUzwgb I wm‡g›U myweav Z`viwK, kã I K¤úb hvPvB Ges ¯^v¯’¨ I wbivcËv welqvw` h\_vh\_fv‡e ch©‡eÿY Ki‡Z n‡e|

## cwi‡ek e¨e¯’vcbv cwiKíbvt

cÖKí wewbg©vY Ges cwiPvjbv ch©v‡q †KvbiKg weiæc cÖfve Gov‡Z cwi‡ek e¨e¯’vcbv cwiKíbv MÖnY Kiv nq hv cÖK‡íi cwi‡ekMZ weavb Ges h\_vh\_ e¨e¯’vcbv wbwðZ K‡i|

* AwaKvsk †ÿ‡ÎB m¤¢ve¨ cÖfve¸wj ¯^í-‡gqvw` Ges †MŠY cÖK…wZi| cÖ¯ÍvweZ cÖkgb c`‡ÿc MÖnY Ges cwi‡ek e¨e¯’vcbv cwiKíbvi mwVK ev¯Íevq‡bi gva¨‡g cÖZ¨vwkZ cÖwZK‚j cÖfve¸wj e¨vcKfv‡e wbqš¿Y, n«vm ev `~wif‚Z Kivi e¨e¯’v MÖnY Ki‡Z n‡e|
* cwi‡ekMZ myweavi w`K †\_‡K cÖKíwUi cÖ¯ÍvweZ Ae¯’vb MÖnY‡hvM¨|

# cwiPvjbv I iÿYv‡eÿYt

cÖK‡íi `xN© mg‡qi ¯’vwqZ¡ Ges cwi‡levw` wbwðZKi‡Yi j‡ÿ¨ g~j cÖK‡íi wewfbœ Dcv`vb, cwi‡lev I cÖKí KvVv‡gv cwiPvjbv Ges iÿYv‡eÿY GKwU ¸iæZ¡c~Y© Kvh©µg wn‡m‡e we‡ewPZ n‡e| D³ Kvh©µ‡gi g‡a¨ mvßvwnK ev gvwmK wfwË‡Z iæwUb gvwdK cwi`k©b, `yÕeQi ci mvaviY cwi`k©b Ges cÖwZ cvuP eQi AšÍi AšÍi g~L¨ Z`viwK AšÍf‚©³ \_vK‡e|

# A\_©‰bwZK g~j¨vqbt

## cÖK‡íi mvgwMÖK A\_©‰bwZK g~j¨vqbt

cÖKíwU g~j¨vwqZ n‡q‡Q Gi wewfbœ Dc`vb hvPvB-evQvBKiY Ges wewfbœ kZ©mg~‡ni b¨vh¨Zv cÖw`cv`‡bi gva¨‡g| cÖKíwUi mvwe©K wbg©vYKvR 13wU wfbœ wfbœ Kg©Kv‡Ði Øviv wef³| GB wfwË cÖK‡íi mvwe©K e¨q n‡e 33408.01 jÿ UvKv gvÎ| cÖKíwUi cÖwZwU †mM‡g›U eZ©gvb evRvi g~‡j¨i mv‡\_ b¨vqm½Z|

## cÖv\_wgK e¨q-cÖv°j‡bi A\_©‰bwZK b¨vh¨Zv cÖwZcv`bt

cÖK‡íi cÖv\_wgK e¨q-cÖv°jb wba©vwiZ n‡q‡Q wewfbœ DcKi‡Yi evRvi g~j¨ Abymv‡i| wewfbœiKg wbg©vY e¨q I evwn¨K ˆe`¨yZxKiY e¨q GLv‡b AšÍf©~³ Kiv n‡q‡Q| mKj cÖv\_wgK e¨q evRvi g~j¨ Abymv‡i M„nxZ n‡q‡Q| cÖK‡íi wewfbœ DcKi‡Yi evRvi g~‡j¨i wPÎ wb¤œiæc:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Abstract of Cost** | | | | |
| **Sl.** | **Description of Items** | **Unit** | **Area (Sqm)** | **Taka** |
| 01 | 06 Storied Residential Building for Officer’s (1350 sft) = 01 nos | Sqm | 1987.88 | 81153618.43 |
| 02 | 06 Storied Residential Building for Staff Quarter (1000 sft) = 01 nos | Sqm | 1468.8 | 61174535.86 |
| 03 | 06 Storied Residential Building for Staff Quarter (800 sft) = 01 nos | Sqm | 1223.24 | 48831763.47 |
| 04 | 06 Storied Residential Building for Staff Quarter (600 sft) = 01 nos | Sqm | 793.42 | 31430624.36 |
| 05 | Construction of Single Storied Substation Building | Sqm | 81.97 | 3256030.69 |
| 06 | External Water Supply | Ls |  | 6660000.00 |
| 07 | Construction of RCC Boundary Wall with Main Gate and Y-shaped Barbed Wire Fencing and Guard Shed | Rm | 213.35 | 4373870.49 |
| 08 | Internal RCC Road | Sqm | 969.15 | 3165169.14 |
| 09 | Site Development | Ls |  | 1151326.68 |
| 10 | External Electrification | Ls |  | 47550000.00 |
| 11 | Arboriculture | Ls |  | 200000.00 |
| Sub-Total TK = | |  |  | 288946939.12 |
| Physical Contingency – 2% | |  |  | 5778938.78 |
| Price Contingency – 3% | |  |  | 8668408.17 |
| **Grand Total TK =** | | **303394286.08** | | |
| **In Words: Three Thousand Thirty-Three Point Nine Four Lac Only** | | | | |

## jvf-ÿwZi Zzjbvg~jK ch©v‡jvPbvt

e¨q-cÖv°j‡bi A\_©‰bwZK g~j¨vq‡bi wm×v‡šÍ †cŠQv‡Z jvf I ÿwZ, jvf-ÿwZi AbycvZ (BCR), Ges Avf¨šÍixY †di‡Zi nvi (IRR) Gi Zzjbvg~jK ch©v‡jvPbv Kiv AZxe ¸iæZ¡c~Y©|

Avf¨šÍixY †di‡Zi nvi (IRR) wbY©‡qi †ÿ‡Î jvf I ÿwZi ch©v‡jvPbvq cÖv\_wgKfv‡e 15 kZvsk (cwiKíbv Kwgk‡bi cÖ¯Ívebv Abymv‡i) AMÖvn¨ Kiv n‡q‡Q Ges cieZ©x‡Z Av‡iv 10 kZvsk AMÖvn¨ Kiv n‡q‡Q hv‡Z K‡i myôz djvd‡j †cŠQv‡bv hvq| wb‡¤œv³ †Uwe‡j A\_©‰bwZK we‡køl‡Yi mvi-ms‡ÿc Zz‡j aiv n‡q‡Q|

## ms‡e`bkxjZv we‡kølYt

cÖK‡íi jvf I ÿwZ cÖv°jb (estimation) Ges Awf‡ÿ‡ci (projection) Dci wbf©ikxj| hw`I ev¯ÍweKfv‡e cÖK…Z g~j¨ I Dc‡fvM¨ myweavi mv‡\_ wKQzUv Awgj \_vK‡Z cv‡i| cÖK‡íi h\_v‡hvM¨Zv hvPvB Ki‡Z 3wU weKí Ae¯’v/cwiw¯’wZi K\_v we‡ePbv K‡i ms‡e`bkxjZv we‡kølY Kiv n‡q‡Q| †m¸‡jv nj:

1. g~j¨ cÖev‡n (cost stream) 10 kZvsk e„w×;
2. myweav cÖev‡n (benefit stream) 10 kZvsk n«vm;
3. (1) I (2) Gi †hŠ\_ cÖfve

cÖKíwUi me©‡gvU eZ©gvb g~j¨ evnvbœ nvRvi PvikZ AvVv‡iv `kwgK cvuP wZb jÿ UvKv gvÎ (52418.53 jÿ UvKv)| DwjøwLZ g~j¨ Abymv‡i ms‡e`bkxjZv we‡køl‡Yi djvdj wb‡¤œv³ †Uwe‡j Dc¯’vcb Kiv nj:

|  |  |  |  |
| --- | --- | --- | --- |
| **SI No.** | **Economic Evaluation** | **BCR** | **IRR (%)** |
| **01** | Base Case | 1.31 | 18.72 |
| **02** | Benefit (10% reduced) | 1.19 | 17.62 |
| **03** | Cost (10% increased)) | 1.18 | 17.48 |
| **04** | Combined effect of benefit 10% reduced and cost 10% increased | 1.07 | 16.18 |

cÖK‡íi A\_©‰bwZK g~j¨vq‡bi wm×v‡šÍ †cŠQuv‡Z jvf-ÿwZi Zzjbv, †gvU eZ©gvb g~j¨, jvf-ÿwZ AbycvZ, I Avf¨šÍixY †di‡Zi nvi Lyu‡R †ei Kiv n‡q‡Q| mKj dvBj mshy³ Kiv nj (cwiwkó-3 `ªóe¨)|

Rv`yN‡i cÖwZw`b AvbygvwbK 3000 R‡bi AwaK ¯’vbxq I AvšÍR©vwZK ch©UK cwi`k©‡b Av‡m| Rv`yN‡ii cwiea©bmvwaZ n‡j Av‡iv AwaK msL¨K ch©UK cwi`k©b Ki‡Z cvi‡e hv miKv‡ii AwaK ivR¯^ Av`v‡q mnvqK f‚wgKv cvjb Ki‡e| GiKg Av‡iv wewfbœ A\_©‰bwZK w`K hvPvB-evQvB K‡i cÖKíwU M„nxZ, A\_©‰bwZKfv‡e b¨vqm½Z, I fwel¨‡Zi Rb¨ jvfRbK wn‡m‡e we‡ewPZ n‡q‡Q|

# ms‡e`bkxjZv we‡kølYt

cÖK‡íi jvf-ÿwZ cÖv°jb I Awf‡ÿ‡ci Dci wbf©i K‡i| ev¯Í‡e GwU cÖK…Z e¨q Ges Dcjf¨ myweavi mv‡\_ cwieZ©xZ n‡Z cv‡i| cÖK‡íi †hŠw³KZv hvPvB‡qi j‡ÿ¨ cÖ‡qvRbc~e©K cÖwZwU cwiw¯’wZ we‡ePbvq wb‡q ms‡e`bkxjZv we‡kølY Kiv n‡q‡Q Ges ms‡e`bkxjZv we‡kølY mv‡c‡ÿ cÖKíwU MÖnY‡hvM¨ e‡j we‡ewPZ n‡q‡Q|

# Dcmsnvit

## KvVv‡gvMZ iæc‡iLvt

KvVv‡gvMZ w`K †\_‡K we‡ePbv Ki‡j †`Lv hvq feb¸‡jv wbivc` I cÖ‡qvRbxq gvb`Ð Abymv‡i wbwg©Z n‡e e‡j we‡ewPZ (cwiwkó-1 `ªóe¨) |

## wfwËi aiY we‡ePbvt

GB fe‡bi wfwË KvVv‡gvMZ Kvh©µg Ges wewfbœ bKkvMZ w`K m¤úbœ Ki‡Z ch©vß aviY ÿgZv Ges Ab¨vb¨ myweavw` wb‡Z h‡\_ó mÿg| bKkv Abymv‡i fe‡bi cÖKí Kvh©µg Av‡iv AwaKZi gvÎvq cÖ‡KŠkj Kg©KvÐ Pvwj‡q hvIqvi Rb¨ h‡\_ó kw³kvjx| fe‡bi wfZ‡ii bKkv h‡\_ô hy‡Mvc‡hvMx Ges AvšÍR©vwZK gv‡bi hv `k©bv\_©x, wkÿv\_©x Ges Kg©KZ©v‡`i Rb¨ MÖnY‡hvM¨ I Avivg`vqK (cwiwkó- 1 I 2 `ªóe¨) |

## mvgvwRK Ges cybe©vm‡bi cÖfve we‡ePbvt

eZ©gvb Ae¯’v Ges AÎ wefv‡Mi Ab¨vb¨ Kg©KZ©v‡`i fvl¨ we‡ePbvq GLv‡b mvgvwRK Ges cybe©vmbg~jK †Kvb cÖfve we`¨gvb †bB| cÖKíwU AÎ wefv‡Mi wbR¯^ RvqMvq Aew¯’Z nIqvq Zv ev¯Íevq‡bi Rb¨ †Kvb cybe©vm‡bi cÖ‡qvRbxqZvI †bB|

## cwi‡ekMZ w`K we‡ePbvt

m¤¢ve¨ cwi‡ekMZ cÖfve, cÖ¯ÍvweZ mywbw`©ó cÖkgb I ch©‡eÿYg~jK c`‡ÿc Ges D™¢‚Z myweavw`i Dci mgv‡jvPbvg~jK ch©v‡jvPbv Ki‡j ‡`Lv hvq †h cÖ¯ÍvweZ ¯’v‡b cÖKíwU ev¯ÍevwqZ n‡j Zv cvk^©eZ©x cwi‡e‡ki ¸YMZgvb Ges we`¨gvb m¤ú‡`i Dci †Kvb weiæc cÖfve †dj‡e bv|

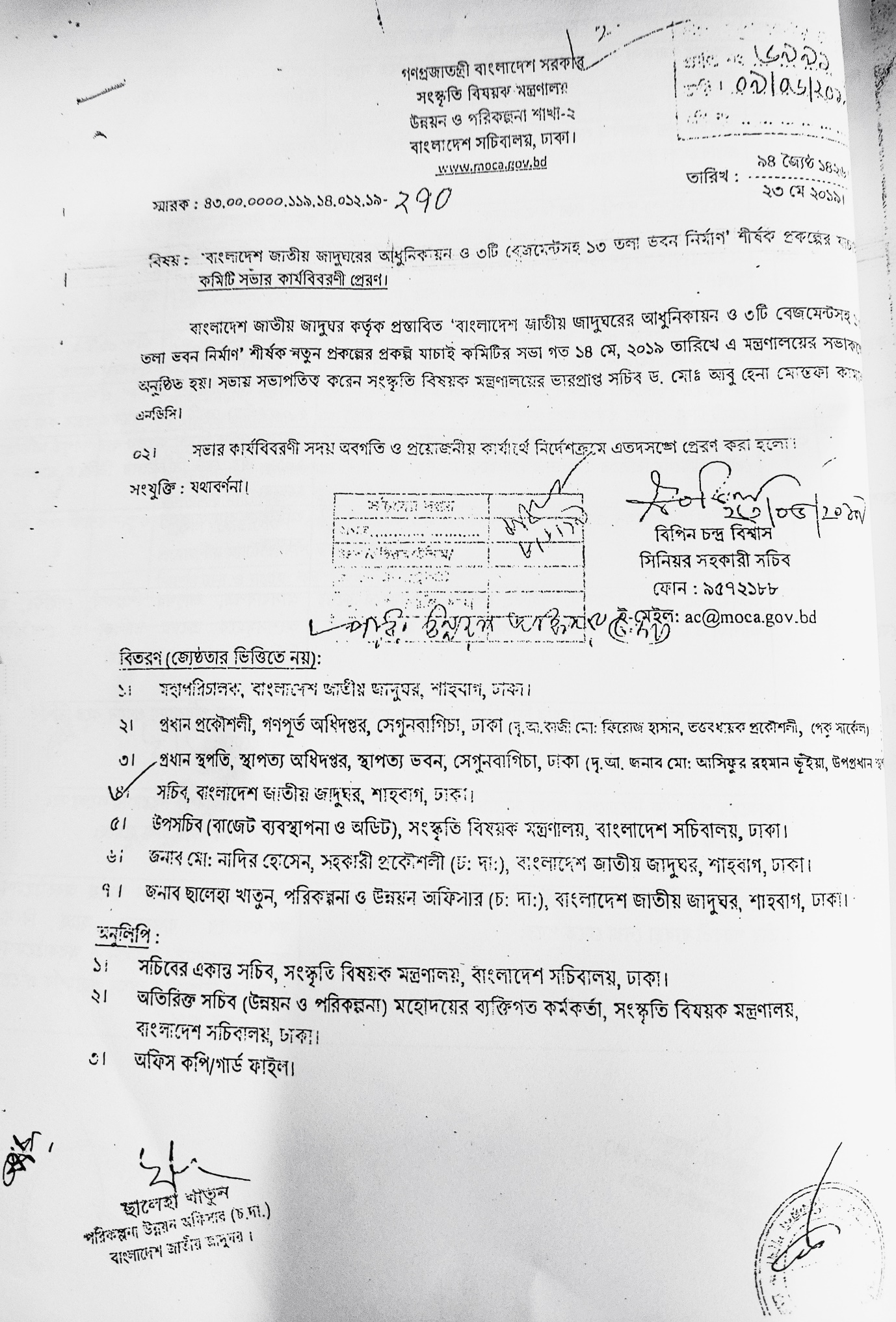
* 1. **A\_©‰bwZK b¨vqm½Zvt**

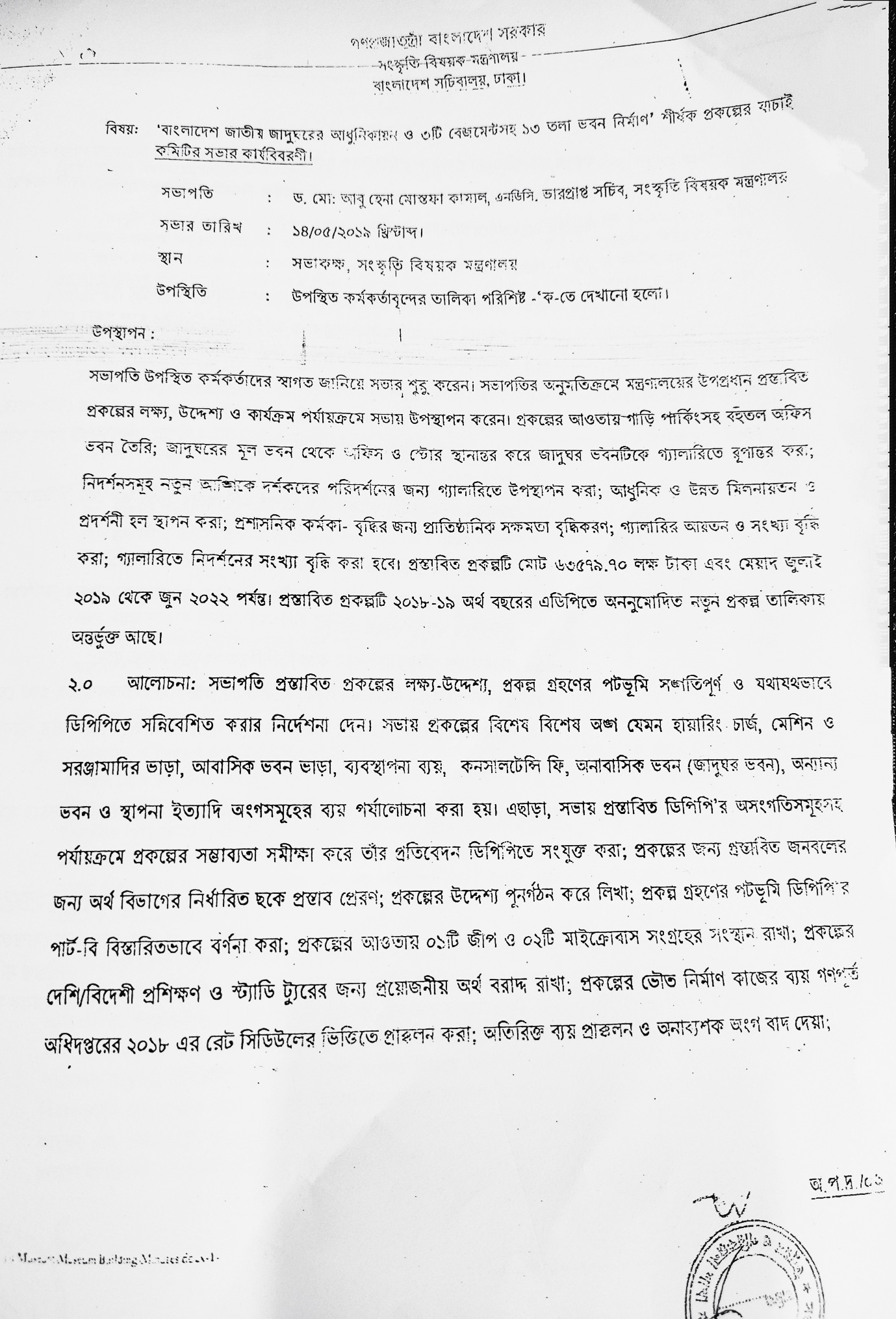
cÖ¯ÍvweZ g~j¨vwqZ mg‡q wewfbœ A\_©‰bwZK gvb`‡Ð Kiv A\_©‡bwZK we‡kølY ‡\_‡K Bnv cÖwZqgvb nq ‡h, cÖKíwU A\_©‡bwZKfv‡e †UKmB Ges cÖK‡í wewb‡qvM AZ¨šÍ b¨qm½Z| (cwiwkó- 3 `ªóe¨) |

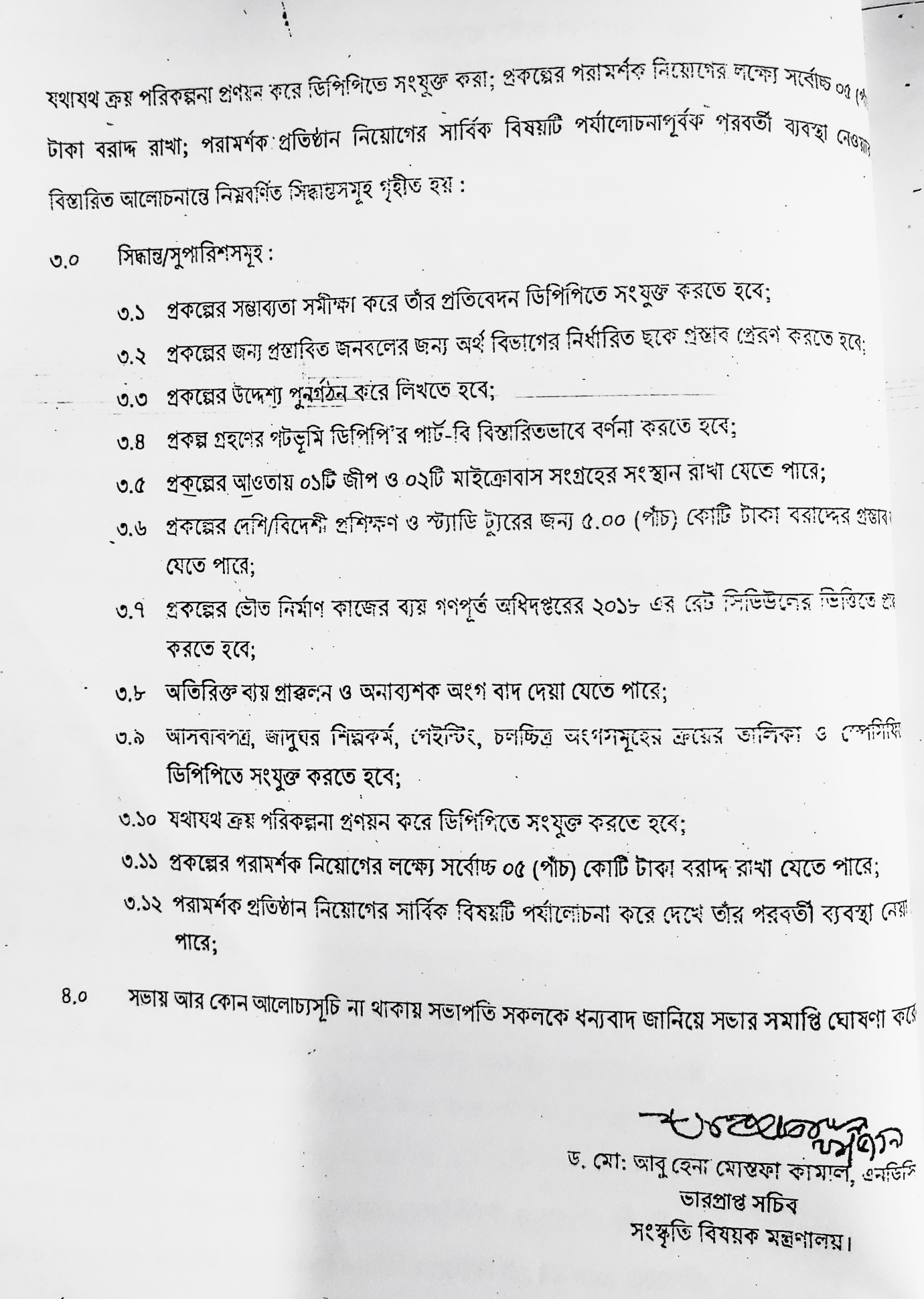
# gZvgZ I mycvwikt

|  |  |
| --- | --- |
| K. | D³ cÖK‡íi mwVK ev¯Íevq‡bi gva¨‡g gqgbwmsn MYc~Z© Awa`ß‡ii wewfbœ †MÖ‡Wi wecyj msL¨K Kg©KZ©v I Kg©Pvixi Avevmb msKU wbimb, cwievi cwiRb wb‡q mve©ÿwYK †÷k‡b Ae¯’vb Ges wewfbœ miKvix Kvh©µ‡g MwZkxjZv Avbqb Kiv m¤¢eci n‡e| |
|  |  |

**cwiwkó-1**

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