

مَنْ يَتَّقِ اللَّهَ يَجْعَلْ لَهُ مَخْرَجًا
وَيَرْزُقْهُ مِنْ حَيْثُ لَا يَحْتَسِبُ وَمَنْ يَتَّقِ اللَّهَ يَجْعَلْ لَهُ مَخْرَجًا
وَيَرْزُقْهُ مِنْ حَيْثُ لَا يَحْتَسِبُ وَمَنْ يَتَّقِ اللَّهَ يَجْعَلْ لَهُ مَخْرَجًا

٥٠٤٠٠٠٠٠
٥٠٤٠٠٠٠٠٠

هَذَا مَقَامُ سِرِّهِمْ:

وَمِنْهُمْ مَّنْ يَّؤْتِي سَهْوًا يُذْوَىٰ ۖ فَزَادَهُمْ بُرْهَانًا يُنْفِئُونَ ۚ إِنَّهُمْ يَمُوتُونَ ۚ لَٰكِن لَّا يُدْرِكُهُمُ الْيَوْمَ الْقِيَامَةِ أَعْيُنُهُمْ ۖ كَانُوا لَا يَبْصُرُونَ ۚ

تاریخ: 09 شهریور 1405

نَاغُزْرُوْزِيْدِ سَحْبِ نَاغُزْرُوْزِيْدِ
نَاغُزْرُوْزِيْدِ ، خِرُوْزِيْدِ

سورة مومنون 1

مَنْزِلُ مَوْعِدٍ

[illegible]

(8) 7.1.6 7.1.5 7.1.4 7.1.3 7.1.2 7.1.1 7.1

7.1 7.1.1 7.1.2 7.1.3 7.1.4 7.1.5 7.1.6

7.1.1 7.1.2 7.1.3 7.1.4 7.1.5 7.1.6

7.1.2 7.1.3 7.1.4 7.1.5 7.1.6

7.1.3 7.1.4 7.1.5 7.1.6

7.1.4 7.1.5 7.1.6

7.1.5 7.1.6

7.1.6

8.1 8.2 9.1 9.2 9.3 10.1 10.2

8.2 9.1 9.2 9.3 10.1 10.2

9.1 9.2 9.3 10.1 10.2

9.2 9.3 10.1 10.2

9.3 10.1 10.2

10.1 10.2

10.1 10.2

(سر) مَحْسُورٌ مُرْتَدٌّ مُرْتَدٌّ مُرْتَدٌّ

[illegible][illegible]

خودم

[illegible]

۱- ۲ - ۳ - ۴ - ۵ - ۶ - ۷ - ۸ - ۹ - ۱۰ - ۱۱ - ۱۲ - ۱۳ - ۱۴ - ۱۵ - ۱۶ - ۱۷ - ۱۸ - ۱۹ - ۲۰ - ۲۱ - ۲۲ - ۲۳ - ۲۴ - ۲۵ - ۲۶ - ۲۷ - ۲۸ - ۲۹ - ۳۰ - ۳۱ - ۳۲ - ۳۳ - ۳۴ - ۳۵ - ۳۶ - ۳۷ - ۳۸ - ۳۹ - ۴۰ - ۴۱ - ۴۲ - ۴۳ - ۴۴ - ۴۵ - ۴۶ - ۴۷ - ۴۸ - ۴۹ - ۵۰ - ۵۱ - ۵۲ - ۵۳ - ۵۴ - ۵۵ - ۵۶ - ۵۷ - ۵۸ - ۵۹ - ۶۰ - ۶۱ - ۶۲ - ۶۳ - ۶۴ - ۶۵ - ۶۶ - ۶۷ - ۶۸ - ۶۹ - ۷۰ - ۷۱ - ۷۲ - ۷۳ - ۷۴ - ۷۵ - ۷۶ - ۷۷ - ۷۸ - ۷۹ - ۸۰ - ۸۱ - ۸۲ - ۸۳ - ۸۴ - ۸۵ - ۸۶ - ۸۷ - ۸۸ - ۸۹ - ۹۰ - ۹۱ - ۹۲ - ۹۳ - ۹۴ - ۹۵ - ۹۶ - ۹۷ - ۹۸ - ۹۹ - ۱۰۰ - ۱۰۱ - ۱۰۲ - ۱۰۳ - ۱۰۴ - ۱۰۵ - ۱۰۶ - ۱۰۷ - ۱۰۸ - ۱۰۹ - ۱۱۰ - ۱۱۱ - ۱۱۲ - ۱۱۳ - ۱۱۴ - ۱۱۵ - ۱۱۶ - ۱۱۷ - ۱۱۸ - ۱۱۹ - ۱۲۰ - ۱۲۱ - ۱۲۲ - ۱۲۳ - ۱۲۴ - ۱۲۵ - ۱۲۶ - ۱۲۷ - ۱۲۸ - ۱۲۹ - ۱۳۰ - ۱۳۱ - ۱۳۲ - ۱۳۳ - ۱۳۴ - ۱۳۵ - ۱۳۶ - ۱۳۷ - ۱۳۸ - ۱۳۹ - ۱۴۰ - ۱۴۱ - ۱۴۲ - ۱۴۳ - ۱۴۴ - ۱۴۵ - ۱۴۶ - ۱۴۷ - ۱۴۸ - ۱۴۹ - ۱۵۰ - ۱۵۱ - ۱۵۲ - ۱۵۳ - ۱۵۴ - ۱۵۵ - ۱۵۶ - ۱۵۷ - ۱۵۸ - ۱۵۹ - ۱۶۰ - ۱۶۱ - ۱۶۲ - ۱۶۳ - ۱۶۴ - ۱۶۵ - ۱۶۶ - ۱۶۷ - ۱۶۸ - ۱۶۹ - ۱۷۰ - ۱۷۱ - ۱۷۲ - ۱۷۳ - ۱۷۴ - ۱۷۵ - ۱۷۶ - ۱۷۷ - ۱۷۸ - ۱۷۹ - ۱۸۰ - ۱۸۱ - ۱۸۲ - ۱۸۳ - ۱۸۴ - ۱۸۵ - ۱۸۶ - ۱۸۷ - ۱۸۸ - ۱۸۹ - ۱۹۰ - ۱۹۱ - ۱۹۲ - ۱۹۳ - ۱۹۴ - ۱۹۵ - ۱۹۶ - ۱۹۷ - ۱۹۸ - ۱۹۹ - ۲۰۰ - ۲۰۱ - ۲۰۲ - ۲۰۳ - ۲۰۴ - ۲۰۵ - ۲۰۶ - ۲۰۷ - ۲۰۸ - ۲۰۹ - ۲۱۰ - ۲۱۱ - ۲۱۲ - ۲۱۳ - ۲۱۴ - ۲۱۵ - ۲۱۶ - ۲۱۷ - ۲۱۸ - ۲۱۹ - ۲۲۰ - ۲۲۱ - ۲۲۲ - ۲۲۳ - ۲۲۴ - ۲۲۵ - ۲۲۶ - ۲۲۷ - ۲۲۸ - ۲۲۹ - ۲۳۰ - ۲۳۱ - ۲۳۲ - ۲۳۳ - ۲۳۴ - ۲۳۵ - ۲۳۶ - ۲۳۷ - ۲۳۸ - ۲۳۹ - ۲۴۰ - ۲۴۱ - ۲۴۲ - ۲۴۳ - ۲۴۴ - ۲۴۵ - ۲۴۶ - ۲۴۷ - ۲۴۸ - ۲۴۹ - ۲۵۰ - ۲۵۱ - ۲۵۲ - ۲۵۳ - ۲۵۴ - ۲۵۵ - ۲۵۶ - ۲۵۷ - ۲۵۸ - ۲۵۹ - ۲۶۰ - ۲۶۱ - ۲۶۲ - ۲۶۳ - ۲۶۴ - ۲۶۵ - ۲۶۶ - ۲۶۷ - ۲۶۸ - ۲۶۹ - ۲۷۰ - ۲۷۱ - ۲۷۲ - ۲۷۳ - ۲۷۴ - ۲۷۵ - ۲۷۶ - ۲۷۷ - ۲۷۸ - ۲۷۹ - ۲۸۰ - ۲۸۱ - ۲۸۲ - ۲۸۳ - ۲۸۴ - ۲۸۵ - ۲۸۶ - ۲۸۷ - ۲۸۸ - ۲۸۹ - ۲۹۰ - ۲۹۱ - ۲۹۲ - ۲۹۳ - ۲۹۴ - ۲۹۵ - ۲۹۶ - ۲۹۷ - ۲۹۸ - ۲۹۹ - ۳۰۰ - ۳۰۱ - ۳۰۲ - ۳۰۳ - ۳۰۴ - ۳۰۵ - ۳۰۶ - ۳۰۷ - ۳۰۸ - ۳۰۹ - ۳۱۰ - ۳۱۱ - ۳۱۲ - ۳۱۳ - ۳۱۴ - ۳۱۵ - ۳۱۶ - ۳۱۷ - ۳۱۸ - ۳۱۹ - ۳۲۰ - ۳۲۱ - ۳۲۲ - ۳۲۳ - ۳۲۴ - ۳۲۵ - ۳۲۶ - ۳۲۷ - ۳۲۸ - ۳۲۹ - ۳۳۰ - ۳۳۱ - ۳۳۲ - ۳۳۳ - ۳۳۴ - ۳۳۵ - ۳۳۶ - ۳۳۷ - ۳۳۸ - ۳۳۹ - ۳۴۰ - ۳۴۱ - ۳۴۲ - ۳۴۳ - ۳۴۴ - ۳۴۵ - ۳۴۶ - ۳۴۷ - ۳۴۸ - ۳۴۹ - ۳۵۰ - ۳۵۱ - ۳۵۲ - ۳۵۳ - ۳۵۴ - ۳۵۵ - ۳۵۶ - ۳۵۷ - ۳۵۸ - ۳۵۹ - ۳۶۰ - ۳۶۱ - ۳۶۲ - ۳۶۳ - ۳۶۴ - ۳۶۵ - ۳۶۶ - ۳۶۷ - ۳۶۸ - ۳۶۹ - ۳۷۰ - ۳۷۱ - ۳۷۲ - ۳۷۳ - ۳۷۴ - ۳۷۵ - ۳۷۶ - ۳۷۷ - ۳۷۸ - ۳۷۹ - ۳۸۰ - ۳۸۱ - ۳۸۲ - ۳۸۳ - ۳۸۴ - ۳۸۵ - ۳۸۶ - ۳۸۷ - ۳۸۸ - ۳۸۹ - ۳۹۰ - ۳۹۱ - ۳۹۲ - ۳۹۳ - ۳۹۴ - ۳۹۵ - ۳۹۶ - ۳۹۷ - ۳۹۸ - ۳۹۹ - ۴۰۰ - ۴۰۱ - ۴۰۲ - ۴۰۳ - ۴۰۴ - ۴۰۵ - ۴۰۶ - ۴۰۷ - ۴۰۸ - ۴۰۹ - ۴۱۰ - ۴۱۱ - ۴۱۲ - ۴۱۳ - ۴۱۴ - ۴۱۵ - ۴۱۶ - ۴۱۷ - ۴۱۸ - ۴۱۹ - ۴۲۰ - ۴۲۱ - ۴۲۲ - ۴۲۳ - ۴۲۴ - ۴۲۵ - ۴۲۶ - ۴۲۷ - ۴۲۸ - ۴۲۹ - ۴۳۰ - ۴۳۱ - ۴۳۲ - ۴۳۳ - ۴۳۴ - ۴۳۵ - ۴۳۶ - ۴۳۷ - ۴۳۸ - ۴۳۹ - ۴۴۰ - ۴۴۱ - ۴۴۲ - ۴۴۳ - ۴۴۴ - ۴۴۵ - ۴۴۶ - ۴۴۷ - ۴۴۸ - ۴۴۹ - ۴۵۰ - ۴۵۱ - ۴۵۲ - ۴۵۳ - ۴۵۴ - ۴۵۵ - ۴۵۶ - ۴۵۷ - ۴۵۸ - ۴۵۹ - ۴۶۰ - ۴۶۱ - ۴۶۲ - ۴۶۳ - ۴۶۴ - ۴۶۵ - ۴۶۶ - ۴۶۷ - ۴۶۸ - ۴۶۹ - ۴۷۰ - ۴۷۱ - ۴۷۲ - ۴۷۳ - ۴۷۴ - ۴۷۵ - ۴۷۶ - ۴۷۷ - ۴۷۸ - ۴۷۹ - ۴۸۰ - ۴۸۱ - ۴۸۲ - ۴۸۳ - ۴۸۴ - ۴۸۵ - ۴۸۶ - ۴۸۷ - ۴۸۸ - ۴۸۹ - ۴۹۰ - ۴۹۱ - ۴۹۲ - ۴۹۳ - ۴۹۴ - ۴۹۵ - ۴۹۶ - ۴۹۷ - ۴۹۸ - ۴۹۹ - ۵۰۰ - ۵۰۱ - ۵۰۲ - ۵۰۳ - ۵۰۴ - ۵۰۵ - ۵۰۶ - ۵۰۷ - ۵۰۸ - ۵۰۹ - ۵۱۰ - ۵۱۱ - ۵۱۲ - ۵۱۳ - ۵۱۴ - ۵۱۵ - ۵۱۶ - ۵۱۷ - ۵۱۸ - ۵۱۹ - ۵۲۰ - ۵۲۱ - ۵۲۲ - ۵۲۳ - ۵۲۴ - ۵۲۵ - ۵۲۶ - ۵۲۷ - ۵۲۸ - ۵۲۹ - ۵۳۰ - ۵۳۱ - ۵۳۲ - ۵۳۳ - ۵۳۴ - ۵۳۵ - ۵۳۶ - ۵۳۷ - ۵۳۸ - ۵

[illegible]

ترواری د ترموړو.

15. مَوَدَّ دِنْدُ زَسَرَزَسَرْجْ "مَوَدَّ سَمَوَّرِ سَمَوَّرِ سَمَوَّرِ" 4 كِبْرِي، حَقِّقْ قَوْوَحْ 1 كِبْرِي

۱. $\frac{1}{2} \left(\frac{1}{2} + \frac{1}{2} \right) = \frac{1}{2}$

[illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible]

- | | | | |
|--------|--------|--------|--------|
| 18.1 | 18.1 | 18.1 | 18.1 |
| 19.1 | 19.1 | 19.1 | 19.1 |
| 19.2 | 19.2 | 19.2 | 19.2 |
| 19.3 | 19.3 | 19.3 | 19.3 |
| 20.1 | 20.1 | 20.1 | 20.1 |
| 20.2 | 20.2 | 20.2 | 20.2 |
| 21.1 | 21.1 | 21.1 | 21.1 |
| 21.1.1 | 21.1.1 | 21.1.1 | 21.1.1 |
| 21.1.2 | 21.1.2 | 21.1.2 | 21.1.2 |
| 22.1.3 | 22.1.3 | 22.1.3 | 22.1.3 |
| 22.1 | 22.1 | 22.1 | 22.1 |
| 23.1 | 23.1 | 23.1 | 23.1 |
| 24.1 | 24.1 | 24.1 | 24.1 |

[illegible][illegible]

(س) د رڼا نندۍ (ر) ، (س) رڼه (س) زړه وختونه ترخوږو شونې شو
چوخدای شومو، زموږ دیني کورنۍ نامتو خوږه شو، زموږ دیني
روڼتونه سرته شو.

[illegible][illegible][illegible]

(س) د ژوند (ر) اړه (ز) ټولنیزو چارو او فزیکي ځایونو سره تړاو
 سمبالزده کړي ځان ته د ټولنیزو چارو، اړیکو او فزیکي ځایونو.

[illegible]

2. چودھری احمد شہزادہ نے اپنے بیٹے کے ساتھ چودھری محمد شہزادہ کی سوتیلی ماں سے شادی کی۔
چودھری احمد شہزادہ نے اپنے بیٹے کے ساتھ چودھری محمد شہزادہ کی سوتیلی ماں سے شادی کی۔
چودھری احمد شہزادہ نے اپنے بیٹے کے ساتھ چودھری محمد شہزادہ کی سوتیلی ماں سے شادی کی۔

3. چۆندىن دېگەندىكىچە، ئۇنىڭدىن كۆيۈرۈپ چىقىرىلغان بولسا،
سەد، ئۇ دېگەندىكىچە، ئۇنىڭدىن كۆيۈرۈپ چىقىرىلغان.

[illegible][illegible]

(م) فَوَيْلٌ لِلْمُصَلِّينَ الَّذِينَ هُمْ عَنْ صَلَاتِهِمْ سَاهُونَ

(۳) انجمنی بنامی در نزد قاضی رسیدگی فرمودند و از قاضی رسیدگی فرمودند و از قاضی رسیدگی فرمودند.

(۴) اِنَّ كَمَثَرَ النَّارِ هُنَا ۖ يَسَّرُ لِمَنْ يَشَاءُ ۚ لِيُخْرِجَ مِنْهَا ذُرِّيَّتًا مُّغْتَصِبَةً ۚ فَاِذَا فُجِّرَتْ سَاقَاتُهَا وَجُودَتْ مُّذُنُهَا ۚ فَاِذَا فُجِّرَتْ سَاقَاتُهَا وَجُودَتْ مُّذُنُهَا ۚ فَاِذَا فُجِّرَتْ سَاقَاتُهَا وَجُودَتْ مُّذُنُهَا ۚ

[illegible][illegible]

- [illegible]

- [illegible]

33. دَهِسَمَو زُرَزُوْدَر

دَرسِ سَوَاحِشِ عَاقِرِ

33.1. תַּרְגוּמוֹת דְּמוֹרֵהוּ דְּקוֹרְתָּ 10.45 וּסְ דִּרְתָּ (ב) דִּרְוֹ דְּמוֹ דְּמוֹרֵהוּ
 "הַיְיָ יִשְׁמְרֵנוּ אֵת אֲשֶׁר נִשְׁמַע מִשְׁמֹעַ יְיָ" וְיִשְׁמְרֵנוּ מִכָּל
 אֲשֶׁר יִשְׁמְרֵנוּ מִכָּל אֲשֶׁר יִשְׁמְרֵנוּ מִכָּל אֲשֶׁר יִשְׁמְרֵנוּ מִכָּל אֲשֶׁר יִשְׁמְרֵנוּ
 מִכָּל אֲשֶׁר יִשְׁמְרֵנוּ 3 (מוֹרֵהוּ) דְּמוֹרֵהוּ דְּמוֹרֵהוּ. וְיִשְׁמְרֵנוּ
 מִכָּל אֲשֶׁר יִשְׁמְרֵנוּ מִכָּל אֲשֶׁר יִשְׁמְרֵנוּ מִכָּל אֲשֶׁר יִשְׁמְרֵנוּ
 מִכָּל אֲשֶׁר יִשְׁמְרֵנוּ מִכָּל אֲשֶׁר יִשְׁמְרֵנוּ מִכָּל אֲשֶׁר יִשְׁמְרֵנוּ
 מִכָּל אֲשֶׁר יִשְׁמְרֵנוּ מִכָּל אֲשֶׁר יִשְׁמְרֵנוּ מִכָּל אֲשֶׁר יִשְׁמְרֵנוּ
 מִכָּל אֲשֶׁר יִשְׁמְרֵנוּ מִכָּל אֲשֶׁר יִשְׁמְרֵנוּ מִכָּל אֲשֶׁר יִשְׁמְרֵנוּ

[illegible][illegible][illegible]

(۱) $\frac{1}{x^2} = x^{-2}$ $\frac{d}{dx} x^{-2} = -2x^{-3} = -\frac{2}{x^3}$

[illegible]
$$(2) \quad \begin{aligned} & \text{فَمَنْ يَدْرُكْهُ فَعُقْبُهُ فُعْلاً} \quad \text{وَمَنْ يَدْرُكْهُ فَعُقْبُهُ فُعْلاً} \\ & \text{فَمَنْ يَدْرُكْهُ فَعُقْبُهُ فُعْلاً} \end{aligned}$$

(3) $\begin{matrix} \textcircled{\omega_1} & \textcircled{\omega_2} & \textcircled{\omega_3} & \textcircled{\omega_4} \\ \textcircled{\omega_5} & \textcircled{\omega_6} & \textcircled{\omega_7} & \textcircled{\omega_8} \end{matrix}$

(۴) $\frac{1}{2} \frac{d}{dt} \left(\frac{1}{2} \frac{d^2 x}{dt^2} \right) = \frac{1}{2} \frac{d^3 x}{dt^3}$

[illegible][illegible][illegible]
$$(1) \quad \begin{aligned} & \text{اَدْرَا سَوَّاهِ} \quad \text{نَرَا نَدْرَا نَدْرَا} \quad \text{اَسْرَا} \quad \text{اَوْسَا} \quad \text{فَرَسَا مَوْسَا} \quad \text{دَرَسَا} \\ & \text{مَعَسَا} \quad \text{فَرَسَا} \quad \text{اَسْرَا} \end{aligned}$$
[illegible][illegible]

$$(3) \quad \begin{aligned} & \text{سَرَزَدَ دَسْرَقُورِزْ، حُسَّيْدُوْدِرْ سَاكْ دُسُوْدِرْ، دَووَجْ قَنَانِيْزْ،} \\ & \text{دَسُوْرْ لَوُوْدِئِمَرْ (خوسرو)؛ } \end{aligned}$$
[illegible]
$$(5) \quad \frac{d}{dt} \left(\frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$$
[illegible]

(7) $\frac{d}{dt} \left(\frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$

[illegible][illegible]

(2) $\frac{d}{dt} \left(\frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$, $\frac{d}{dt} \left(\frac{\partial L}{\partial \dot{y}} \right) = \frac{\partial L}{\partial y}$

[illegible]

(4)

[illegible]

(15) جَزْمٌ مَرْتَبَةٌ دَسْرٌ لَمَقْمُورٍ رَزْمٌ مَرْتَبَةٌ

مَوَدَّةٌ اَزْ دِي مَوَدَّةٔ دَسُوْرَ لَاقُوْ نَسِيْدِ رَسُوْلِ مَدِيْنَةِ مَكَّةٔ مُكَرَّمَةِ

(س) حَرْفُ تَرْتِی (ر) زَیْ هَمْزٌ مُتَّصِلَةٌ بِفَتْحٍ قَدْ جَاءَتْ فِي كَلِمَةٍ مَعْدُودَةٍ سِتْرًا، وَهِيَ

[illegible][illegible][illegible]

(Handwritten musical notation)

[illegible]

3 - 38

38.1 38.2 38.3 38.4 38.5 38.6 38.7 39.1

- 38.1 "38.2 38.3 38.4 38.5 38.6 38.7 39.1
- 38.2 38.3 38.4 38.5 38.6 38.7 39.1
- 38.3 38.4 38.5 38.6 38.7 39.1
- 38.4 38.5 38.6 38.7 39.1
- 38.5 38.6 38.7 39.1
- 38.6 38.7 39.1
- 38.7 39.1
- 39.1

42.3. ජිලියම් රැස් 2,500,000/- ප්‍රමාණයෙන් ප්‍රතිදායකයක් සැපයීම, ජිලියම් රැස් 0.005 (ප්‍රතිදායකයක් සැපයීමේදී) ඒකකයක් සඳහා වාර්ෂිකව වැරදි වාර්තා කළ බැවින්.

$$CP \times 0.005 \times LD = \text{වැරදි වාර්තා කළ බැවින්}$$

CP (ප්‍රතිදායකයක් සැපයීමේදී): වැරදි වාර්තා කළ බැවින් ජිලියම් රැස්

LD (වැරදි වාර්තා කළ බැවින්): වැරදි වාර්තා කළ බැවින් ප්‍රතිදායකයක් සැපයීමේදී

43.1. 43. ජිලියම් රැස් සඳහා වැරදි වාර්තා කළ බැවින් ප්‍රතිදායකයක් සැපයීමේදී වැරදි වාර්තා කළ බැවින් ප්‍රතිදායකයක් සැපයීමේදී වැරදි වාර්තා කළ බැවින් ප්‍රතිදායකයක් සැපයීමේදී වැරදි වාර්තා කළ බැවින්.

43.2. 43.2. වැරදි වාර්තා කළ බැවින් 15% වැරදි වාර්තා කළ බැවින් වැරදි වාර්තා කළ බැවින් වැරදි වාර්තා කළ බැවින් වැරදි වාර්තා කළ බැවින්.

43.3. 43.3. වැරදි වාර්තා කළ බැවින් වැරදි වාර්තා කළ බැවින් වැරදි වාර්තා කළ බැවින් වැරදි වාර්තා කළ බැවින් වැරදි වාර්තා කළ බැවින්.

43.4. 43.4. වැරදි වාර්තා කළ බැවින් වැරදි වාර්තා කළ බැවින් වැරදි වාර්තා කළ බැවින් වැරදි වාර්තා කළ බැවින් වැරදි වාර්තා කළ බැවින්.

44. 44. වැරදි වාර්තා කළ බැවින් වැරදි වාර්තා කළ බැවින් වැරදි වාර්තා කළ බැවින් වැරදි වාර්තා කළ බැවින් වැරදි වාර්තා කළ බැවින්.

44.2. 44.2. වැරදි වාර්තා කළ බැවින් වැරදි වාර්තා කළ බැවින් වැරදි වාර්තා කළ බැවින් වැරදි වාර්තා කළ බැවින් වැරදි වාර්තා කළ බැවින්.

بِسْمِ اللَّهِ: 36 ؕ 22

٤ - مَوَاقِفُ

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

1 - عَمْرُو

مَنْ يَتَّقِ اللَّهَ يَجْعَلْ لَهُ مَخْرَجًا

[illegible]

سورة: 36 ء 24

2 - 2

2

1. 2	
1.1	2
1.2	2
1.3	2
1.4	2
1.5	2
2. 2	
2.1	2
2.2	2
3. 2	
3.1	2
3.2	2
3.3	2
4. 2	
4.1	2
4.2	2
4.3	2
5. 2	
5.1	2
5.2	2
5.3	2
5.4	2

3 - **بَعْدُ**

تَرْجُومَةُ 5 (تَرْجُومَةُ) تَرْجُومَةُ تَرْجُومَةُ تَرْجُومَةُ تَرْجُومَةُ

[illegible]

4 - 4

4 - 4

4 - 4	4 - 4	4 - 4
90	90	90
05	05	05
05	05	05
100	100	100

حُجْرَتُ 5
(سورة الحجرات)

Form of Bid Security (Bank Guarantee)

WHEREAS,[*name of Bidder*] (hereinafter called “the Bidder”) [*company registration number*] has submitted his Bid for the Project no.....issued by the Secretariat of Kulhudhuffushi City Council onfor construction of[*name of Contract*] (hereinafter called “the Bid”) under Invitation of bidders No.[*Announcement Number*]

KNOW ALL PEOPLE by these presents that We [name of Bank] of
 [name of country] having our registered office at
 (hereinafter called "the Bank") are
 bound unto [name of Purchaser] (hereinafter called "the Purchaser") in the sum of
 *..... for which payment well and truly to be made to the said Purchaser, the
 Bank binds itself, its successors, and assigns by these presents.

SEALED with the Common Seal of the said Bank thisday of20.....

THE CONDITIONS of this obligation are:

- (1) If, after Bid opening, the Bidder withdraws his Bid during the period of Bid validity specified in the Form of Bid;
or
- (2) If the Bidder having been notified of the acceptance of his Bid by the Purchaser during the period of Bid validity:
 - (a) fails or refuses to execute the Form of Agreement in accordance with the Instructions to Bidders, if required; or
 - (b) fails or refuses to furnish the Performance Security, in accordance with the Instruction to Bidders; or
 - (c) does not accept the correction of the Bid Price pursuant to Clause 27,

* The Bidder should insert the amount of the Guarantee in words and figures denominated in Maldivian Rufiyaa. This figure should be the same as shown in Clause 28.1 of the Instructions to Bidders.

we undertake to pay to the Purchaser up to the above amount upon receipt of his first written demand, without the Purchaser's having to substantiate his demand, provided that in his demand the Purchaser will note that the amount claimed by him is due to him owing to the occurrence of one or any of the three conditions, specifying the occurred condition or conditions.

This Guarantee will remain in force up to and including the date days after the deadline for submission of bids as such deadline is stated in the Instructions to Bidders or as it may be extended by the Purchaser, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.

DATE..... SIGNATURE OF THE BANK

WITNESS SEAL

[signature, name, and address]

5 - مؤخر مؤخر

މަޢުލޫމާތު ބޯލަން ވާނެ ތަން

No.	Description	Rate	Total
01	All Flash SAN Storage	01	
02	Server Nodes	02	
03	Datacentre Core Switch	01	
04	Server Virtualization Software	01	
05	Server Rack and UPS.	01	
06	Veeam Data Platform Essentials Universal Subscription License.	01	
07	Veeam Data Cloud Vault Foundation.	01	
08	Installation and Configuration.	01	
09	Training Cost	01	
	Note: Kindly refer to the information sheet when preparing your quotation.		
Sub Total			
GST 8%			
Net Total			

سورة صافات - 6

[illegible]

دَسَوِزَ لَاجُو مَرَوِزَ بَیَوِ

[illegible]

1. دېښمنان دې ځای ته راځئ

- [illegible]

2. Technical Specification and Scope of Work for Supply, Installation and Configuration for Server Infrastructure and Backup Software

#	Requirements	Compliance (Yes / No)	Part No. / Reference
1	01 Nos x All Flash SAN Storage		
	The proposed vendor/brand should be listed in the Leaders or Challengers quadrant of Latest Gartner's Magic Quadrant for main storage.		
	Architecture: 2 U disk and controller integrated, Dual-controller architecture		
	Controller: - It should be configured with Dual Controllers. - The controllers should use multi-core processors, and the total number of cores of the controller processors should be greater than or equal to 32 - The total cache capacity of the system should be 128 GB, and the cache capacity of any controller should be greater than 64 GB		
	Front-end host ports: - Should be able to support 8/16/32 Gbit/s Fibre Channel, 10GE, 25GE interfaces. - Should be configured with 4 x 10 Gbit/s Ethernet interfaces, 8 x 1 Gbit/s Ethernet interfaces - Should include multi-mode transceivers and 3m duplex LC fiber optic multi-mode cable		
	RAID: - Should support RAID 5, RAID 6, and tolerate simultaneous failure of three disks. - The system should be configured for Raid 6		
	Capacity: - The system should be configured with a minimum of 12 Nos x 3.84TB SSD disks - Read write ratio: 70:30 with 8KB size and IOPS should be more than 120,000		
	The system should support non-disruptive upgrade. Controllers do not need to be restarted during the upgrade. Should support hot swap of SSDs, power modules, and interfaces without service interruption.		
	The system should support dynamic RAID reconstruction. If a disk is faulty, the number of member disks in the RAID group can be reduced to ensure that the data redundancy level does not decrease.		
	Back-end disk channel bandwidth ≥ 192 Gbit/s		
	Features: - Should support snapshot functionality with ROW lossless snapshot. - Snapshots do not compromise performance. - System latency should stay shorter than 1 ms with snapshot enabled. - The system supports clone function, which provides an entity copy for a snapshot and a source LUN. - The system should be able to support replication in future. - o Synchronous replication and asynchronous replication are supported. - o Automatic switchovers and manual switchovers are supported. - o Fiber Channel, IP, and RoCE replication links are supported. - o Asynchronous replication supports link compression, saving transmission bandwidth. - Should monitor the service life of SSDs and displays the wear degree and estimated remaining service life of each SSD.		
	Management: - Should provide graphical management software with comprehensive functions, including disk array and volume management software.		
	Warranty: Should provide 3-year 7 x 24 Support		
	Installation. Configuration and Training Services		

#	Requirements	Compliance (Yes / No)	Part No. / Reference
	- SAN Storage design service - SAN implementation service - Rack mounting and any included hardware add-on installation service - Power up and initialization service - Management and authentication configuration - Local vendor engineers should be available onsite for the duration of the configuration service - SAN network optimization service - LUN provisioning and optimizing service - iSCSI network high availability configuration service - Advance SAN features configuration - Provide on-the-job training service on operation and maintenance service		
2	02 Nos x Server Nodes		
	Processor: 02 Nos x 2.4 GHZ or above, 16 core per CPU		
	Memory: 04 Nos x 32GB DDR RDIMM Memory, 32GB, 5600, ECC		
	Boot Disk: 02 Nos x 960 GB SSD		
	Chassis: 8 x SFF (2.5")		
	Power Supply: 2 x 1300W redundant		
	RAID Controller: PCIE X8 ,4GB cache, RAID 0,1,5,6,10,50,60 including RAID protection battery/capacitor		
	Network: 02 Nos x 25GE Dual-Port SFP28 PCIE x8		
	Connectivity Accessories: - 06 Nos x 10G SFP+ multi-mode transceiver - 01 Nos x 1GE SFP Electrical Transceiver - 04 Nos x 3m duplex LC multimode fiber optic patch cable - 01 Nos x CAT6 3m UTP Patch cord		
	Comprehensive enterprise server management software		
	Shall include required rail kit and accessories		
	Warranty: Should provide 3-year 7 x 24 Support		
	Installation, Configuration and Training Services: - Server cluster design service - Server cluster implementation service - Rack mounting and any included hardware add-on installation service - Power up and initialization service - Management and authentication configuration - Local vendor engineers should be available onsite for the duration of the configuration service - Basic operational VMs provisioning and basic configurations service for Domain controller and file services - Provide on-the-job training service on operation and maintenance service		
3	01 Nos x Datacentre Core Switch		
	Interface: - 48 x 10GE SFP+ ports - 6 x 40/100GE ports		
	Hardware: - Fixed interface switch with a height of less than or equal to 1 U - 1+1 backup for power modules and 3+1 backup for fan modules - Front-to-back and back-to front airflow		
	Performance: - The switching capacity must be greater than or equal to 2.16 Tbit/s - The packet forwarding rate is greater than or equal to 470 Mpps		

#	Requirements	Compliance (Yes / No)	Part No. / Reference
	Layer 2 Features: - The switch supports access, trunk, and hybrid modes. - QinQ - Inter-chassis link bundling technologies such as M-LAG, vPC are supported. - Dynamic MAC address entries, static MAC address entries, and blackhole MAC address entries		
	Layer 3 Functions: - IPv4 dynamic routing protocols such as RIP, OSPF, IS-IS, and BGP - IPv6 dynamic routing protocols such as RIPng, OSPFv3, IS-ISv6, and BGP4+ - BFD for OSPF, BGP, IS-IS, and static route - IPv6 ND and PMTU discovery		
	QoS - Queue scheduling modes such as PQ, DRR, and PQ+DRR - Traffic classification based on the combination of Layer 2 protocol header, Layer 3 protocol, and Layer 4 protocol - Bidirectional interface-based rate limiting - Broadcast storm suppression - Traffic shaping		
	Security: - Defense against DoS attacks, ARP attacks, and ICMP attacks - Bindings of IP addresses, MAC addresses, interface numbers, and VLAN IDs - Port isolation - User login authentication such as RADIUS		
	Management and Configuration: - SNMPv1/v2/v3, Telnet, RMON, and SSH - CLI-based configuration rollback. - Network-wide path detection is supported.		
	The proposed switch brand/vendor should be listed in the "Leaders or Challengers" quadrant of Gartner's Magic Quadrant for Enterprise Wired and Wireless LAN Infrastructure.		
	Warranty: Should provide 3-year 7 x 24 Support		
	Installation, Configuration and Training Services - Network Design Service - Network Implementation Service - Rack mounting and any included hardware addon installation service - Power up and initialization service - Network segregation and network security configuration as per industry standards - Management and authentication configuration - Network optimization for SAN and LAN traffic - Local vendor engineers should be available onsite for the duration of the configuration service - Provide on-the-job training service on operation and maintenance service		
4	01 Nos x Server Virtualization Software		
	Compute Virtualization: - Supports online adjustment of VM specifications, including CPU and memory resources. The adjustment takes effect without the need of restart. - After a VM is deleted, it is moved to the recycle bin. VMs in the recycle bin can be restored. - Allows you to configure whether to enable HA for VMs upon storage faults or not to handle storage faults to ensure high service availability. - Allows you to create consistency snapshots for VMs.		

#	Requirements	Compliance (Yes / No)	Part No. / Reference
	- During VM startup and running, the system periodically checks the load of each host in a cluster and migrates VMs among different hosts to implement load balancing among hosts in the cluster.		
	Storage Virtualization: - The virtualization platform supports local disks, IP SAN, FC SAN, and NAS. - Allows you to migrate only VM storage.		
	Management: - Provides graphical indicator monitoring on hosts and VMs. - Supports alarms for various indicators, including but not limited to the CPU usage, memory usage, disk usage, storage I/O latency. - Supports SNMP v2c/v3 to facilitate unified monitoring on the virtualization platform by a third-party monitoring system.		
	Security: - Allows you to safely delete VMs on the GUI. When a VM is deleted, the underlying storage space is zeroed out to prevent data from being maliciously restored. - The management system can interconnect with legacy LDAP and LDAPS to simplify account and permission management. - The system supports role-based access control. - Allows you to replace the default certificates used for communication between different nodes to ensure O&M security.		
	Required License: - License model should be perpetual software license plus software subscription and support. - Should include licenses for all CPUs or cores for the server nodes in item no. 2 - License support term should be minimum 3 Years. - All licenses should be registered under the client name.		
	Installation, Configuration and Training Services: - Virtualization Solution Design Service - Virtualization Solution Implementation Service - All designing and implementation services should be delivered directly by the manufacturer - Local vendor engineers should be available onsite for the duration of the configuration service - Provide on-the-job training service on operation and maintenance service		
5	01 Nos x Server Rack and UPS		
	01 Nos x 6000VA On-Line UPS: - Should be a well-established, reputable brand in the UPS industry, widely used across major industries - Capacity: 6000 VA - Form Factor: Rack Mountable (5U Maximum) - Output Power Factor: 0.9 – 1.0 - Input Voltage Range: 110 - 300 V 60 % load - Nominal Output Voltage: 230V AC - Harmonic distortion: 1% - Efficiency: Up to 94% - Transfer Time: Zero (Online UPS) - Surge energy rate: 600 J - Battery Type: Sealed Lead Acid - Battery Voltage: 240 VDC - Battery charger power: 1170 W rated or higher - Battery Runtime: Approx. 25-minute runtime at 2000W load - Scalability: Scalable with additional battery packs for extended runtime - Interface: USB, Serial, RS-232, and optional SNMP or Network Management Card - Multi-functional display with status indicators		

#	Requirements	Compliance (Yes / No)	Part No. / Reference
	- IP degree of protection: IP20 - Product certifications: CE, UKCA, EAC, TISI - Standards: EN/IEC 62040-1:2019/A11:2021, EN/IEC 62040-2:2006/AC:2006, EN/IEC 62040-2:2018" - Rack-Mountable: Yes, with Rail Kit included - Warranty: 1 Year parts and service 01 Nos x Server Rack: - Quantity: 01 Nos - External Dimensions (H x W x D): 1170 mm x 600 mm x 1070 mm - Rack Units (U): 24U - Usage: For low to medium density edge computing. - Color: Black - Front Door: Perforated, lockable with reversible hinge - Rear Door: Split, lockable with reversible hinge - Side Panels: Lockable, removable - Roof: Solid, cable entry - Cable Management: Vertical cable management channels and openings - Grounding: Pre-installed grounding studs - Ventilation: Ventilated roof and front door for improved airflow - Casters: Included for mobility - Integrated electrical bonding of sides, doors, roof, and rails to frame - Adjustable Mounting Rails: 19" EIA-310-E compliant - Compatibility: Standard 19" rack-mountable equipment - Security: Lockable doors and side panels - Cable Access: Brushed cable entry ports on the roof - Standards: UL Listed, Electronic Industries Association (EIA)/ECA-310-E compliant - 01 Nos x Vertical PDU - o Type: Basic, Zero U - o Input: 208V/230V, 10A, IEC 60320 C14 - o Output Connections: 15 x IEC 60320 C13, 230V/240V - o Load Capacity: 2300VA - o Mounting: Toolless mounting kit, Rack-mounted (Zero U) - 01 Nos x Horizontal PDU: Type: Basic, 1 U, Input: 230V, 10A, Output Connections: 6-way UK type - Cat6 24 Port Patch Panel 1U - o Quantity: 02 Nos - o Number of ports: loaded 24 - o Type of connector: RJ45 - o Category: 6 - o Connection type: LSA - o Color: Black - o Mounting: 19-inch rack mounting - Patch Cord: 50 Nos x Cat6 Patch Lead UTP Unshielded LSOH Booted 3m - The vendor should have a local service center for the proposed products to ensure timely maintenance and support. - Warranty: 1 Year parts and service		
6	Supply, Installation and Configuration for Backup Software and Offsite Backup		
	6.1 Veeam Data Platform Essentials Universal Subscription License. x 1 NOS - Includes Enterprise Plus Edition features. - 1 Year Subscription Upfront Billing & Production (24/7) Support. - 5 Instance 6.2 Veeam Data Cloud Vault Foundation x 1 NOS - Required Capacity: 10 TB. - 1 Year Subscription Upfront Billing & Production (24/7) Support.		

#	Requirements	Compliance (Yes / No)	Part No. / Reference
	- Core Region data center 6.3 Installation and Configuration x 1 NOS 6.3.1. Planning and Designing Develop comprehensive backup policies to ensure maximum resiliency and business continuity. Design includes both onsite and offsite backup strategy 6.3.2. Installation and Configuration Deployment of Veeam Data Platform Essentials Setup and configuration for seamless operation Implement primary (onsite) and secondary (offsite) backup tiers for redundancy and recovery optimization Configure SAN storage for efficient onsite backup storage provisioning Setup and configure offsite backup to Veeam Data Cloud Vault Foundation 6.3.3. Backup and Recovery Testing Perform thorough testing of backup processes Validate recovery capabilities to meet defined RTO/RPO objectives Configure monitoring and alerts for proactive management of backup systems. 6.3.4. Documentation and On-the-Job training Provide detailed documentation of the complete system, including Configurations and policies implemented Backup and recovery testing results Conduct comprehensive training sessions for administration of the backup solution, backup policy management and recovery process		
	Installation and Training Services - Rack installation as per industry best practices and manufactures guidelines. - Engineers shall be available on-site for the duration of the installation service. - UPS rack mounting and installation as per manufacturer guidelines. - UPS electrical provisioning and related civil works. - Rack accessories installation. - On-the-job training in routine operation and maintenance service. - Server Training 1. Basic troubleshooting techniques for common issues 2. Safe electrical connection and provisioning practices 3. Rack accessories installation and configuration 4. Routine operation procedures for installed systems - Veeam Backup Software Training 1. Veeam platform overview and architecture 2. Configuration and setup of backup infrastructure 3. Creating and managing backup jobs 4. Monitoring backup operations and performance 5. Recovery procedures and verification testing 6. Disaster recovery planning using Veeam tools 7. Best practices for data protection - Training should be conducted within 30 days of work completion.		